

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW NE Section 18, T9S, R16E

At proposed prod. zone

648' FNL, 1992' FEL

147

657

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
6,000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5884.3'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

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SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

Regulatory and

TITLE Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31725

APPROVAL DATE

APPROVED BY

John Matthews

TITLE

John Matthews
Engineer

DATE

11/20/96

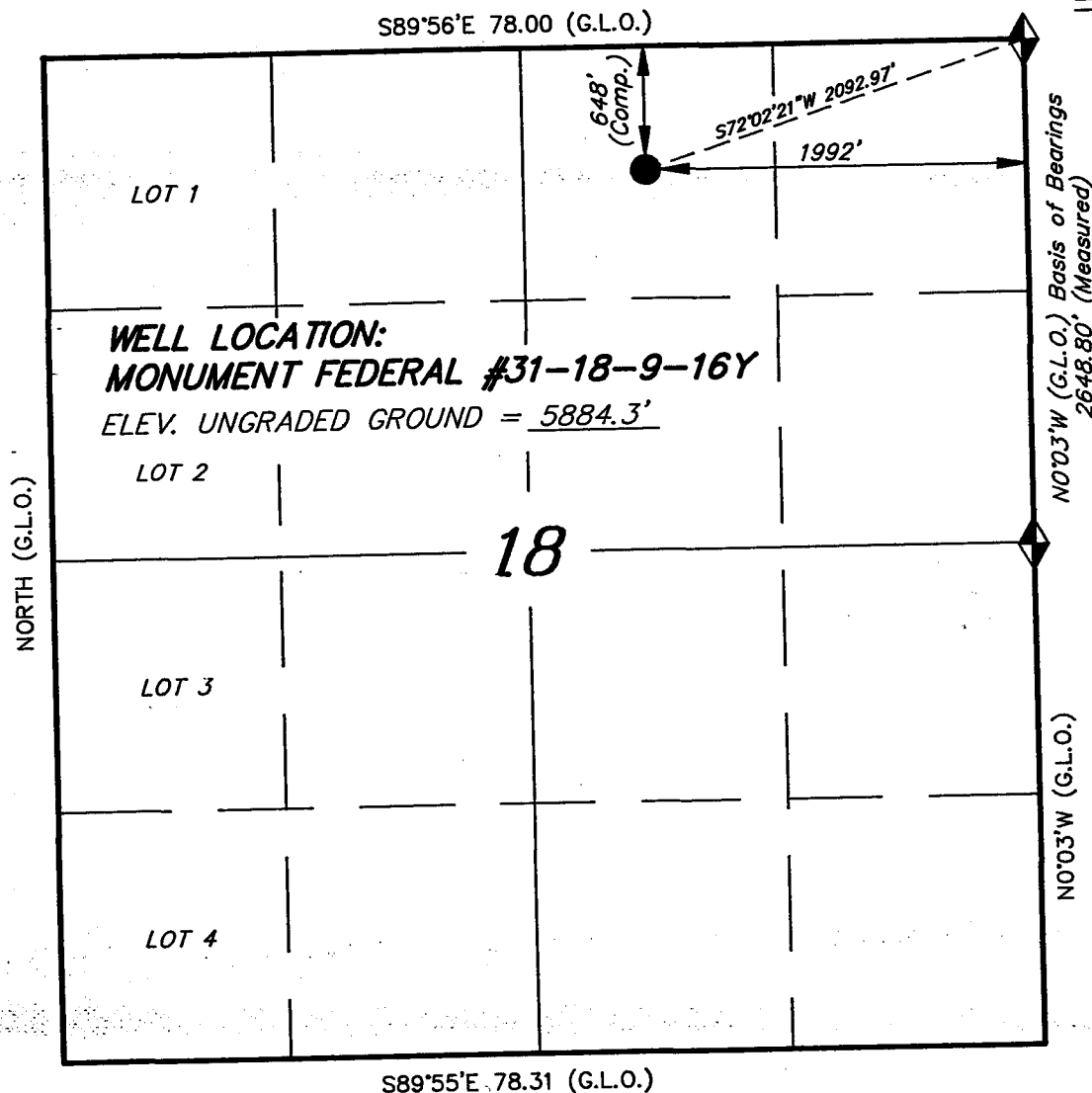
CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

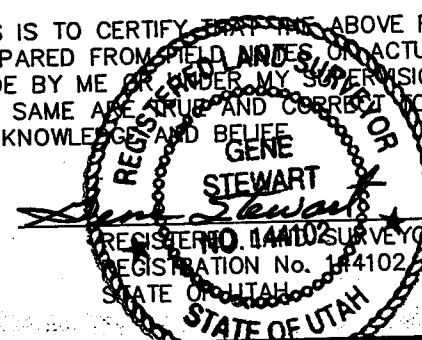
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #31-18-9-16Y, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 18, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-7-96	WEATHER: HOT
NOTES:	FILE #

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**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #31-18-9-16Y
NW NE Section 18, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #31-18-9-16Y
NW NE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 200' & 250' South and 150' & 200' East.
- B. The Monument Federal #31-18-9-16Y is located 10 miles Southwest of Myton Utah in the NW1/4 NE1/4 Section 18, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 31-18-9-16Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 1.7 miles to a road intersection, turn right and continue 9.9 miles to the proposed access road sign. Follow flags 0.1 mile to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.1 mile of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

- J. The proposed access road has been centerline flagged.
- K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
 - C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
 - D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
 - E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.
- For Pipeline:
- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
 - G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the West side of location. Access will be from the North near corner #7.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 27, 1996
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
Equitable Resources Energy Co.



Well Prognosis

Well Name Monument Fed. #31-18-9-16Y					Control Well		
Location NW/NE Sec. 6-T9S-R16E (648 fml, 1992 fel)					Operator EREC		
County/State Duchesne County, Utah					Well Name Monument Federal 41-18Y		
Field Mon. Butte Well Type Dev.					Location NE/NE Sec. 18-T9S-R16E		
GL (Ung) 5884.3 EST. KB 5895 Total Depth 6000					KB 6029		

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1546	4349			4334			
HORSEBENCH SS	2130	3765			3750			
2ND GARDEN GULCH	3799	2096			2081			
Y-2(PAY)	4101	1794			1779			
Y-3 (PAY)	4133	1762			1747			
Y-4 (PAY)	4289	1606			1591			
Y-5 (PAY)	4324	1571			1556			
YELLOW MARKER	4424	1471			1456			
DOUGLAS CREEK	4568	1327			1312			
R-1 (PAY)	4586	1309			1294			
2ND DOUGLAS CREEK	4797	1098			1083			
G-1U (PAY)	4810	1085			1070			
GREEN MARKER	4925	970			955			
G-5 (PAY)	5094	801			786			
CARBONATE MARKER	5481	414			399			
B-1 (PAY)	5535	360			345			
TD	5700							

Samples

50' FROM 1500' TO 3900'
20' FROM 3900' TO TD
5' THROUGH EXPECTED PAY
5' THROUGH DRILLING BREAKS

DST,s

DST #1 NONE
DST #2
DST #3
DST #4

Logs

DLL FROM SURF CSNG TO TD
LDT/CNL FROM 3700' TO TD

Cores

Core #1
Core #2
Core #3
Core #4

Comments:

Report To: 1st Name: DAVE BICKERSTAFF

2nd Name: KEVEN REINSCHMIDT

Prepared By: BICKERSTAFF 9/9/96

Phone # (406)259-7860

Phone # (406)259-7860

Phone #

Name: _____

From: _____ To: _____

Address: _____

Phone # _____ wk.

hm.

Fax # _____

Mud Logger

Company: _____

From: 1500' To: TD

Type: 2-MAN

Logger: _____

Phone # _____

Fax # _____

wk. (406)245-2261 hm.

wk. (406)248-7026 hm.

wk. hm.



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

DRILLING PROGRAM

WELL NAME: Monument Federal #31-18-9-16Y DATE: 9-26-96
PROSPECT/FIELD: Monument Butte
LOCATION: NW/NE Section 18 Twn. 9S Rge. 16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
7 7/8" 260' to 5700'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5700'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	205 sacks 28:72 Poz. (28% POZ: 72% Class "C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd=3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ (50% POZ: 50% Class "G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Stght @ 75 Hrs=2700) (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC	Well Name: MF 31-18-9-16Y
Project ID:	Location: Duchesne / Utah

Design Parameters:

Mud weight (8.70 ppg) : 0.452 psi/ft
 Shut in surface pressure : 2006 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,700	5-1/2"	15.50	K-55	ST&C	5,700	4.825		
	Collapse			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension		
	Load (psi)	Strgth (psi)	S.F.				Load (kips)	Strgth (kips)	S.F.
1	2576	4040	1.568	2576	4810	1.87	88.35	222	2.51 J

Prepared by : *McCaskery, Billings, Montana*

Date : 09-26-1996

Remarks :

Design is for a Production string.

Minimum segment length for the 5,700 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and 2,576 psi, respectively.

NOTE : The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

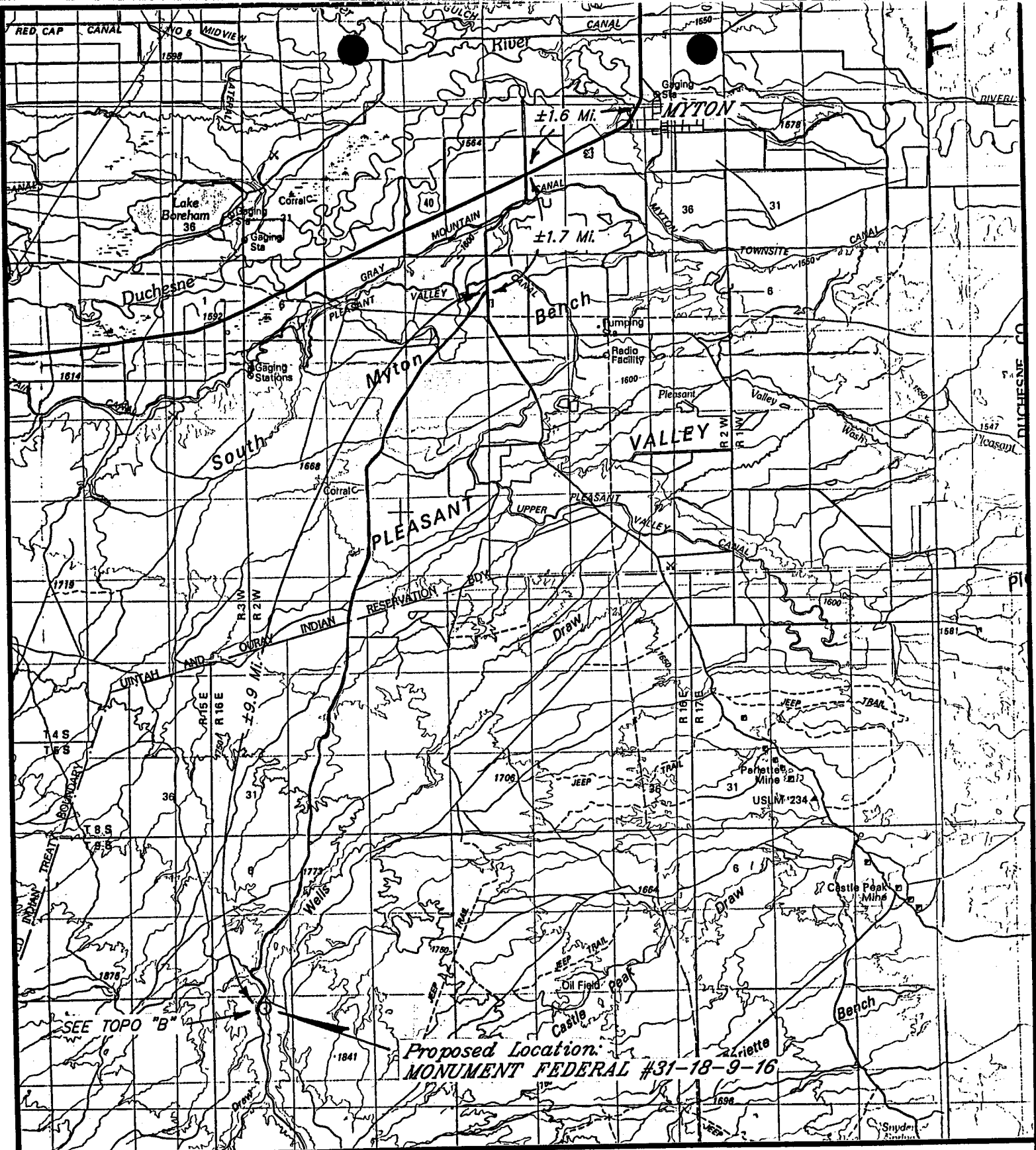
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

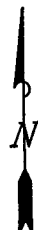
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95
/rs

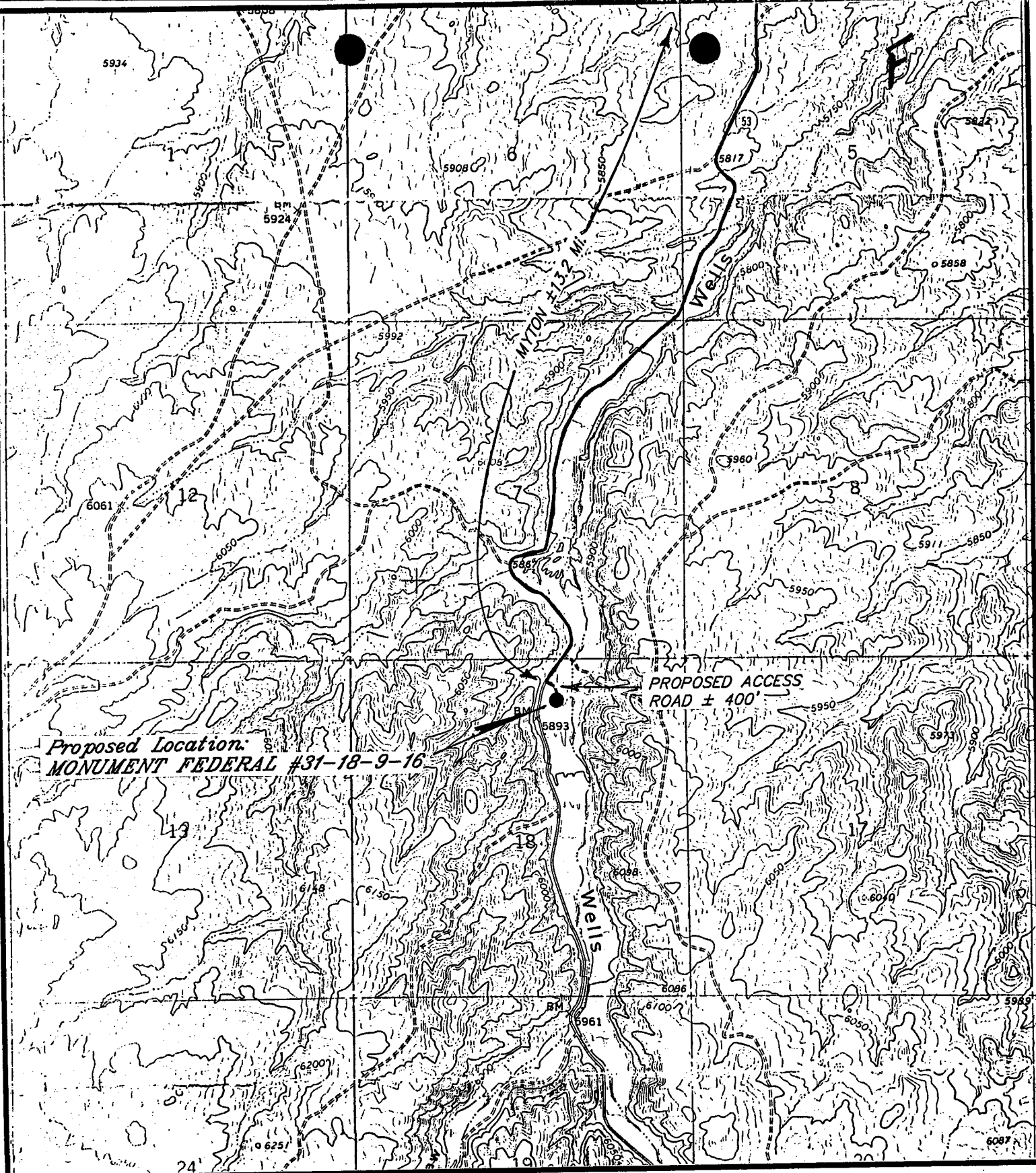


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.
TOPO "A"

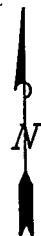


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

**MONUMENT FEDERAL #31-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.
TOPO "B"**

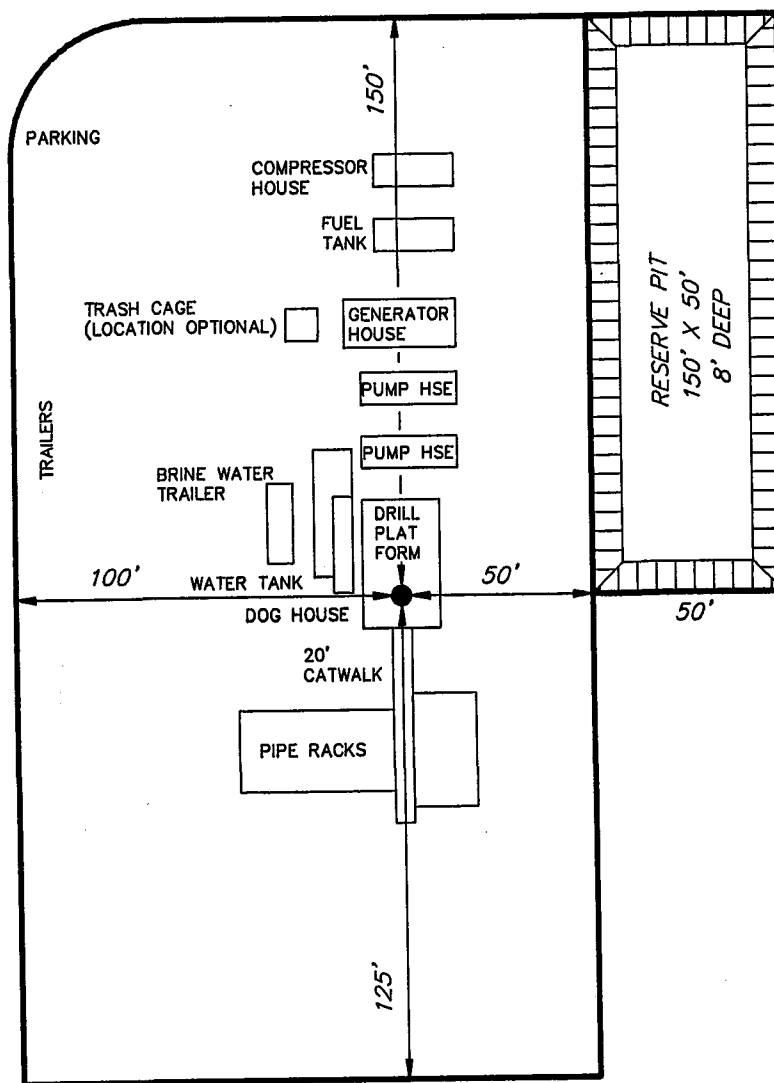


SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

G

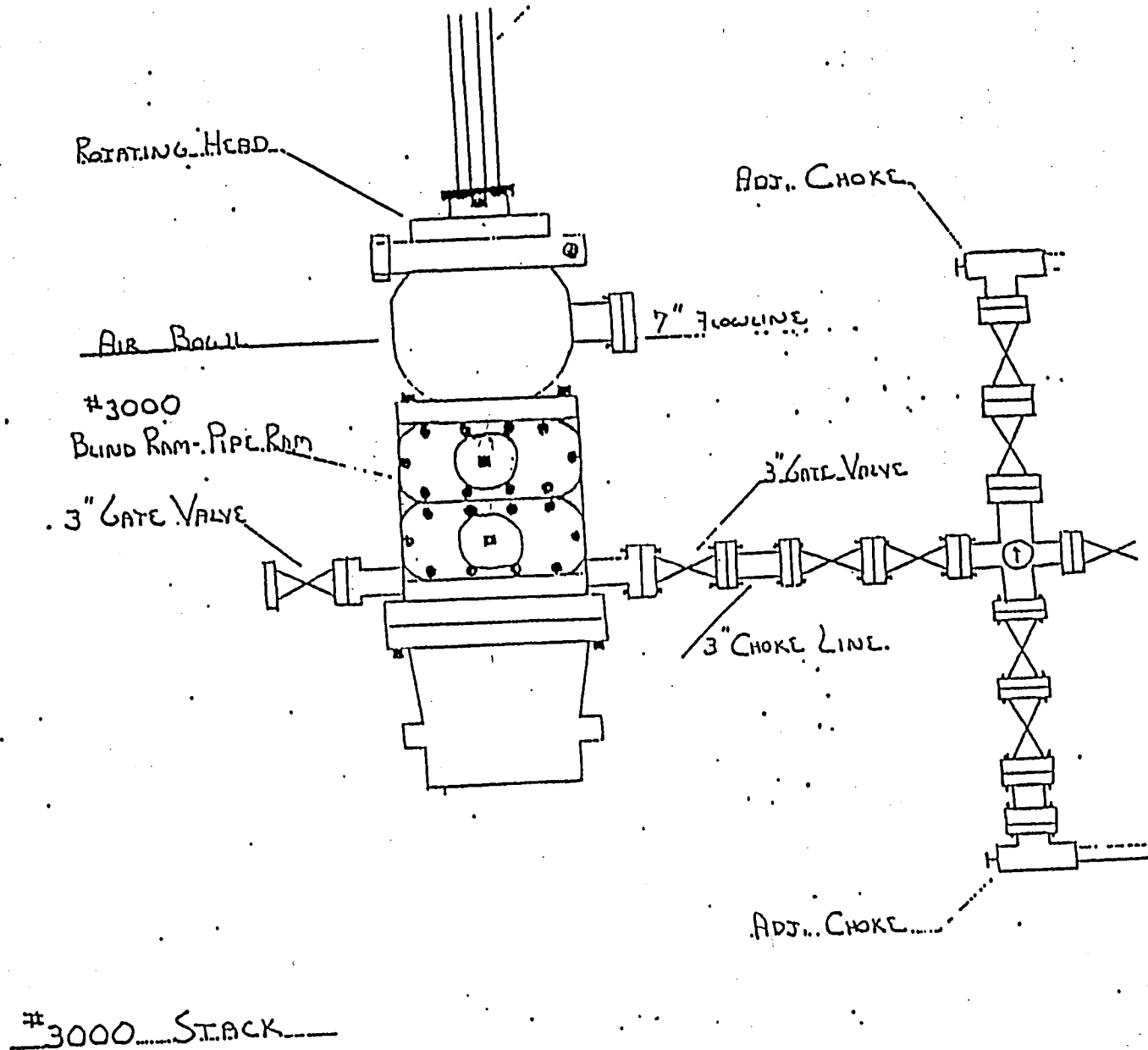
TYPICAL RIG LAYOUT
MONUMENT FEDERAL #31-18-9-16Y

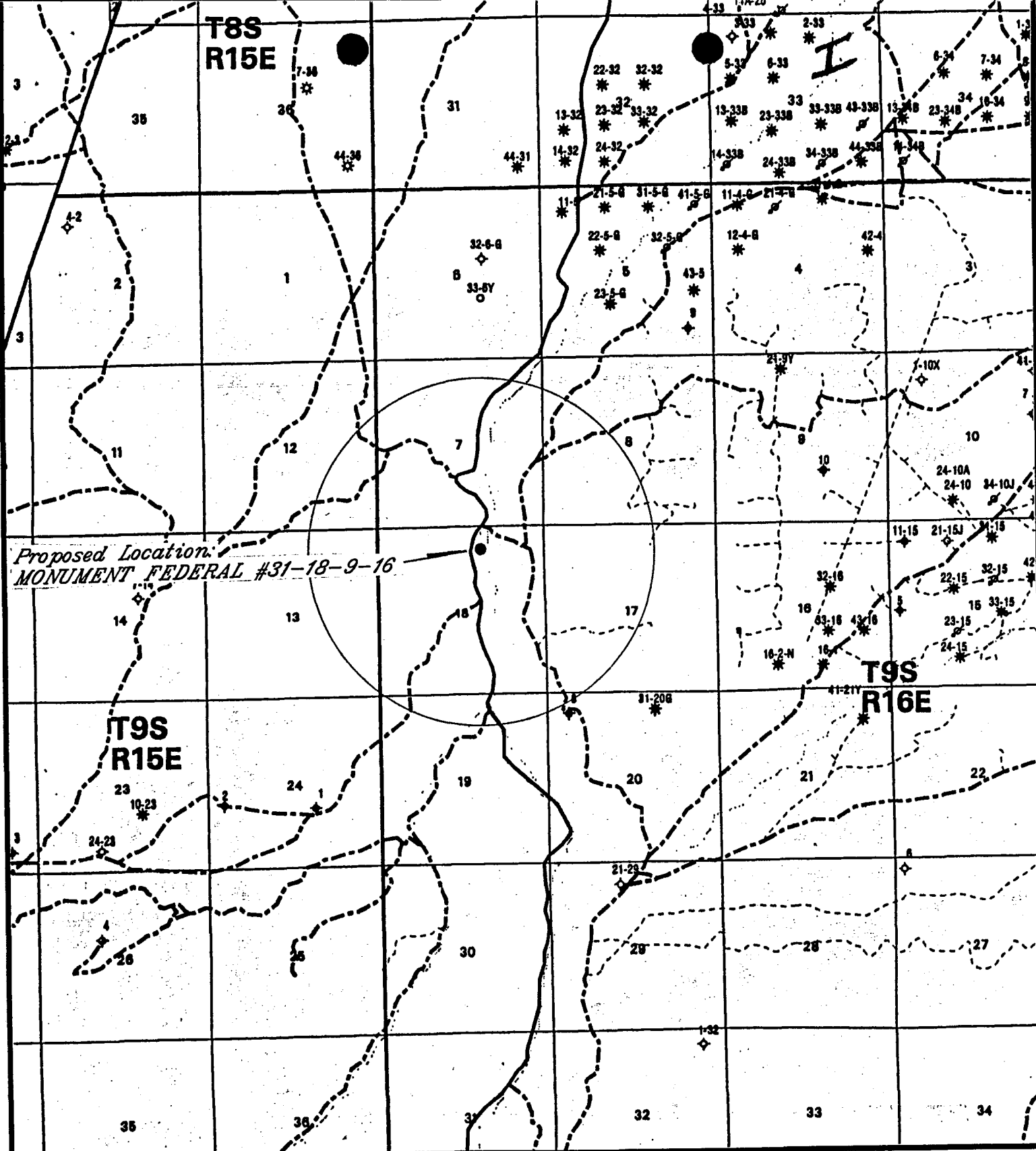


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

UNION DRILLING RIG #17

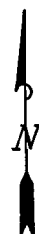
Hex Key





EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-18-9-16
 SEC. 18, T9S, R16E, S.L.B.&M.
 TOPO "C"



Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

EXHIBIT 1

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

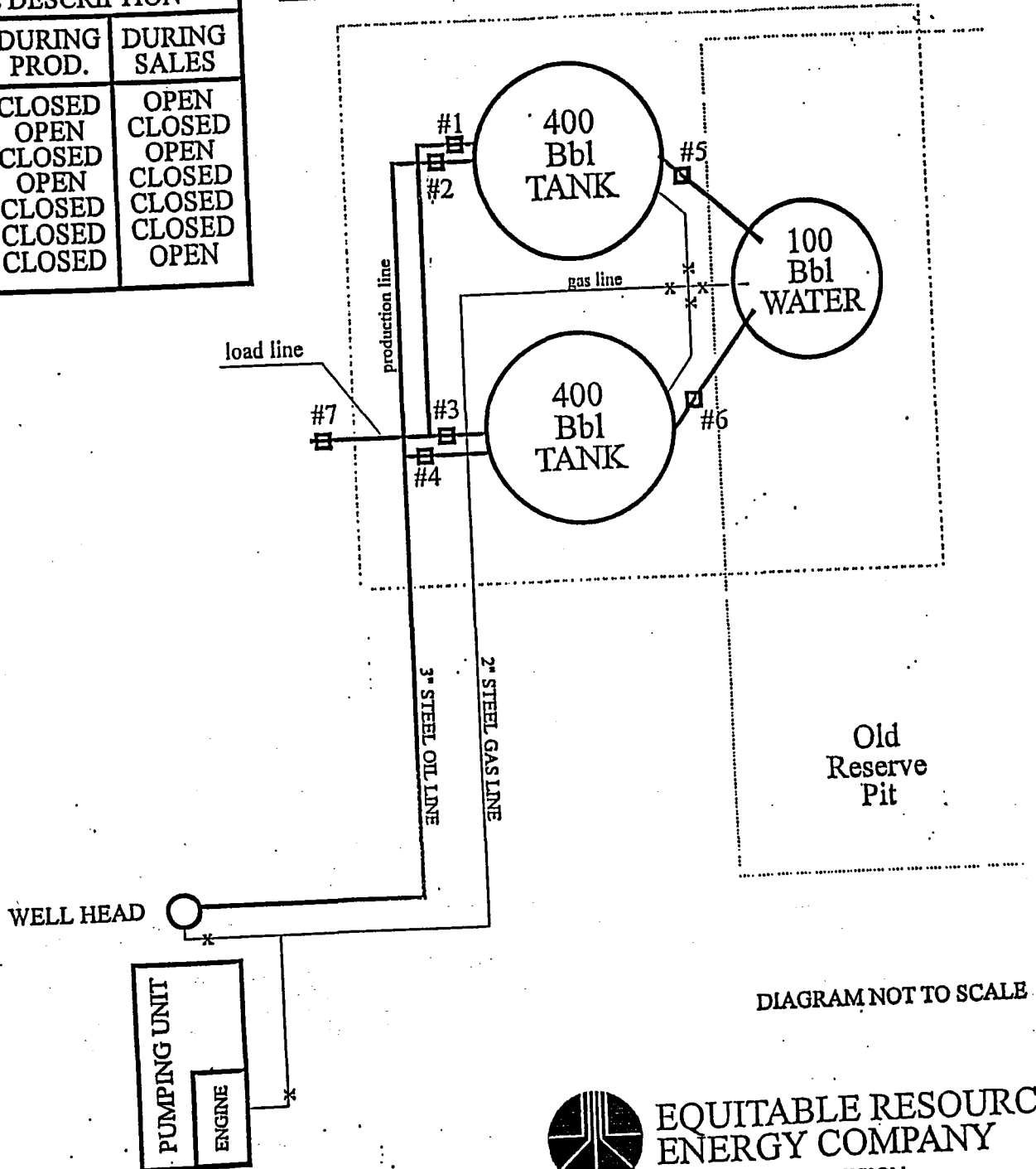


DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCORN OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

MONUMENT FEDERAL #31-18-9-16Y
SECTION 18, T9S, R16E, S.L.B.&M.



RP 150 EAST 5880.6'
RP 200 EAST 5882.9'
RP 200 SOUTH 5886.7'
RP 250 SOUTH 5887.1'

CUT = 930 Cu. Yds.
FILL = 930 Cu. Yds.
PIT = 1,770 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.

FILE:

38 WEST 100 NORTH VERNAL, UTAH 84078

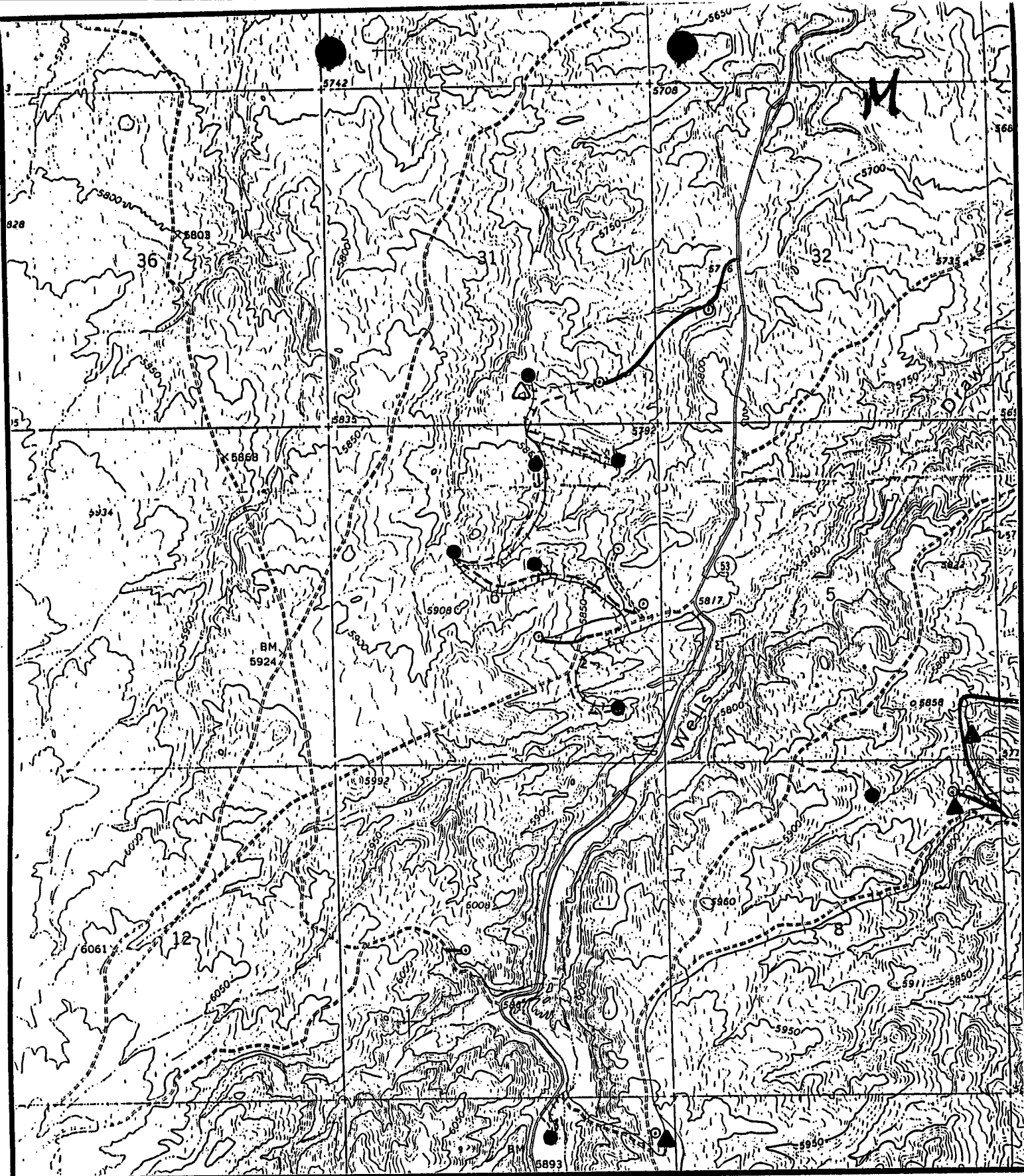
EXHIBIT M

APPLICATION FOR PIPELINE RIGHT-OF-WAY

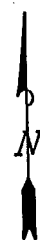
Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



- | | |
|------------------------------|---------------------------------|
| ▲ existing gas meter | ▲ proposed gas meter |
| ⊙ existing location | ● proposed location |
| — existing poly surface line | ++++ proposed poly surface line |
| — existing road | --- proposed road |



PROPOSED GAS GATHERING Section 6 T9S R16E



**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/96

API NO. ASSIGNED: 43-013-31725

WELL NAME: MONUMENT BUTTE 31-18-9-16Y
OPERATOR: EQUITABLE REAOURCES (N9890)

PROPOSED LOCATION:

NWNE 18 - T09S - R16E
SURFACE: 0648-FNL-1992-FEL
BOTTOM: 0648-FNL-1992-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: UTU - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 5547188)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number JOE SHIELDS)
☒ RDCC Review (Y/N)
(Date: _____)

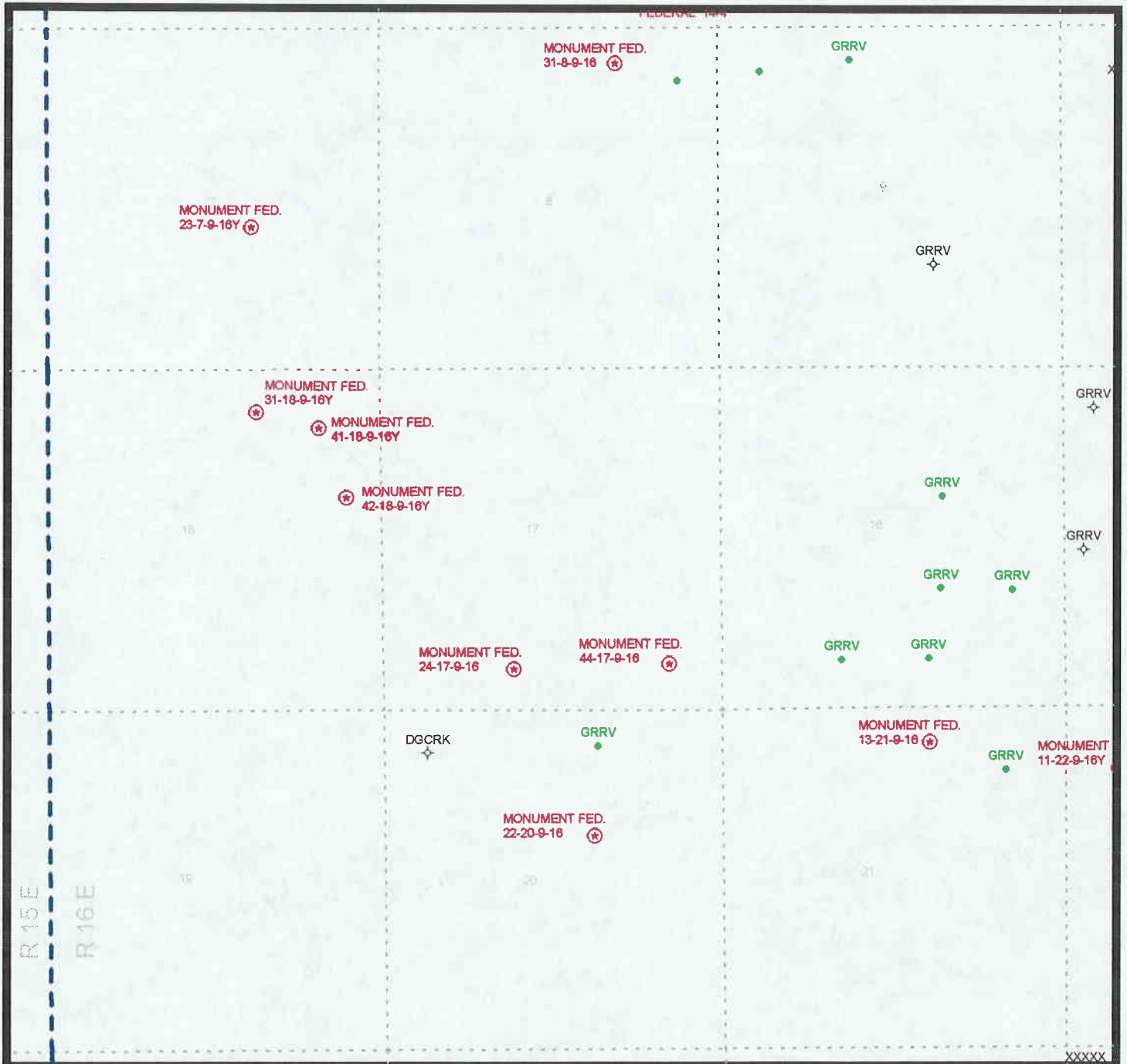
LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE (105)
SECTION: 18 & 21 T9S R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 30-SEPT-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MON FED 31-18-9-16Y
Project ID: 43-013-31725	Location: SEC. 18 - T9S - R16E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2297 psi
 Internal gradient (burst) : 0.079 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,000	5.500	15.50	K-55	ST&C	6,000	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Yield Strgth S.F. (psi)	Tension Load Strgth S.F. (kips) (kips)		
1	2774	4040	1.456	2774	4810	1.73	93.00	222 2.39 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 11-20-1996
 Remarks :

GRRV

Minimum segment length for the 6,000 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 126°F (Surface 74°F , BHT 158°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,774 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

5. Lease Designation and Serial No.
See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

See attached listing

9. API Well No.

10. Field and Pool, or Exploratory Area
Monument Butte/Grn River

11. County or Parish, State

See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

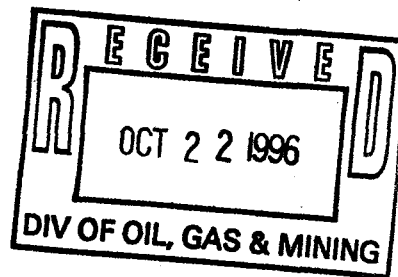
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other paleontology Reports
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman

(This space for Federal or State office use)

Title

Regulatory and
Environmental Specialist

Date

October 21, 1996

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #31-18-9-16Y 43-012-31725

NW/NE SECTION 18, T9S, R16E, SLB&M

Duchesne County, Utah

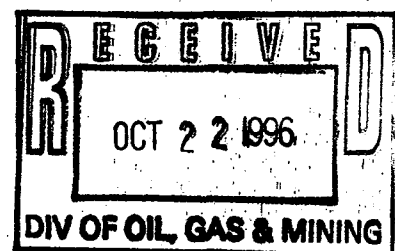
PALEONTOLOGY REPORT

WELLPAD LOCATION, ACCESS ROAD, & GAS LINE

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078

OCTOBER 15, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT
FEDERAL #31-18-9-16, NW/NE Section 18, T9S, R16E, S.L.B.&M, Duchesne Co.,
Utah.

Description of Geology and Topography-

This well location is 11 miles south and 5 miles west of Myton, Utah, in the bottom of Wells Draw. This well location sits on the flat alluvium of the canyon floor. There are no rock outcrops at the well location, access road, or gas line.

All rock outcrops in the surrounding area are of the Middle Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

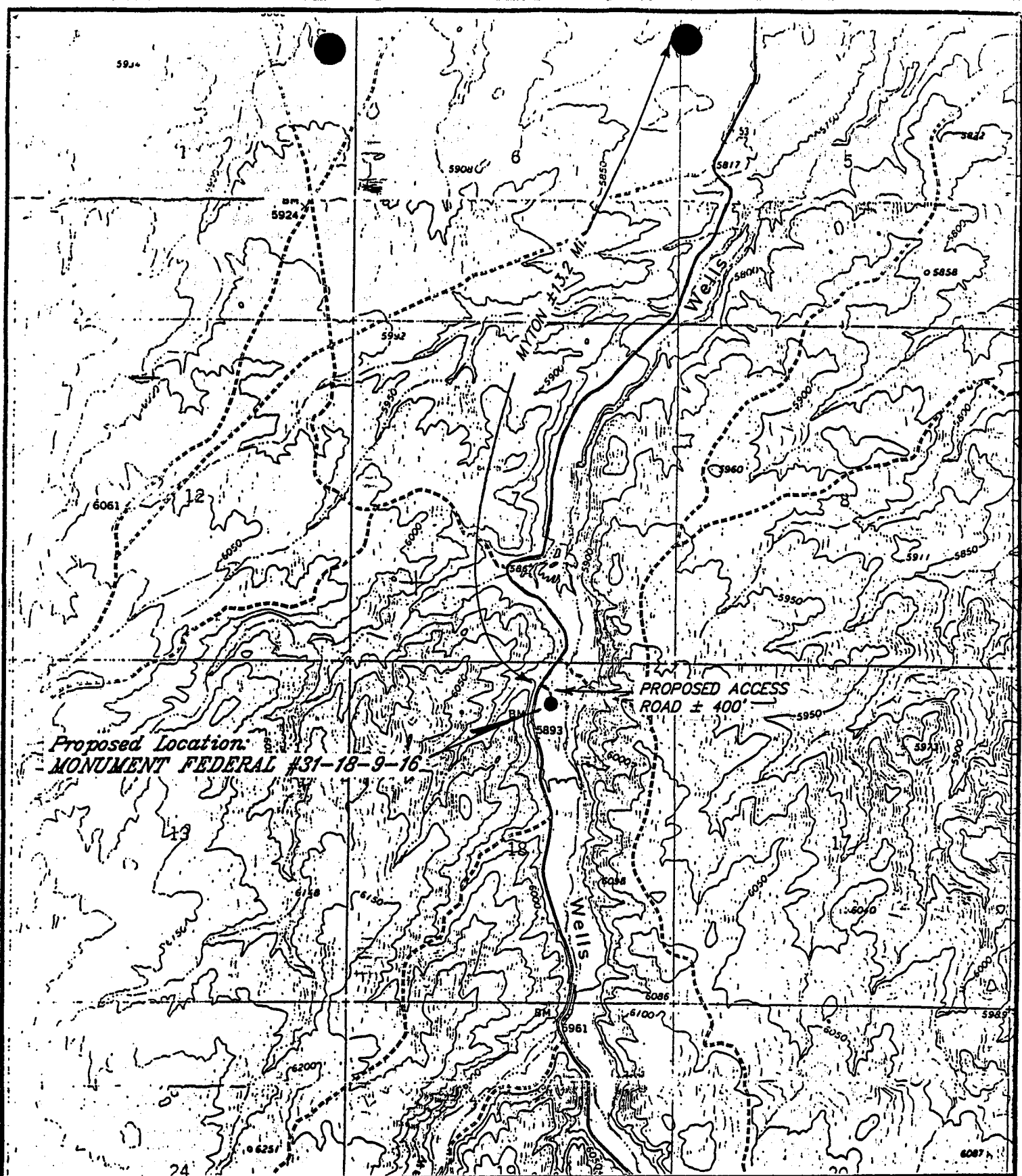
No fossils were found on the wellpad, road or gas line.

Recommendations-

No other recommendations are being made for paleontology at this location.

Alden H. Humble
Paleontologist

Date October 15, 1996



**MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996**

1. Monument Federal #31-18-9-16Y

NW NE Section 18, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

648' FNL, 1992' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5884.3' 6000'

2. Monument Federal #42-18-9-16Y

SE NE Section 18, T9S, R16E

Duchesne County, UT

1980' FNL, 500' FEL PROPOSED FOOTAGES

2007' FNL, 388' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 6064.4' 5900'

3. Monument Federal #31-21-9-16Y

~~NE NW~~ NE Section 21, T9S, R16E N W N E

Duchesne County, UT

550' FNL, 2100' FEL PROPOSED FOOTAGES

537' FNL, 2146' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5943.3' 5650'

4. Monument Federal #21-22-9-16Y

NE NW Section 22, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FWL PROPOSED FOOTAGES

673' FNL, 2046' FWL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5875.3' 5700'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

Monument Federal #22-6-9-16Y

SE NW Section 6, T9S, R16E

Duchesne County, UT

1980' FNL, 1980' FWL PROPOSED FOOTAGES

2011' FNL, 1869' FNL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5843.5' 6000'

Monument Federal #31-6-9-16Y

NW NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

624' FNL, 1926' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5855.4' 6000'

Monument Federal #32-6-9-16Y

SW NE Section 6, T9S, R16E

Duchesne County, UT

2200' FNL, 1980' FEL PROPOSED FOOTAGES

2229' FNL, 1792' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5885.3' 6000'

Monument Federal #41-6-9-16Y

NE NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 660' FEL PROPOSED FOOTAGES

560' FNL, 656' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5802.7' 6000'

Monument Federal #44-6-9-16Y

SE SE Section 6, T9S, R16E

Duchesne County, UT

800' FSL, 660' FEL PROPOSED FOOTAGES

816' FSL, 725' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5861.6' 5950'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

34-31

Monument Federal #31-32-8-16

SW SE Section 31, T8S, R16E

Duchesne County, UT

660' FSL, 1980' FEL

PROPOSED FOOTAGES

722' FSL, 1970' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74389

PTD: 6,500' (Green River formation)

GL: 5832.6' - 6050'

Monument Federal #13-4-9-16

NW SW Section 4, T9S, R16E

Duchesne County, UT

2050' FSL, 660' FWL

PROPOSED FOOTAGES

2050' FSL, 660' FWL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 73086

PTD: 6,500' (Green River formation)

GL: 5761.2' - 6000'

Monument Federal #31-8-9-16

NW NE Section 8, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL

PROPOSED FOOTAGES

520' FNL, 2076' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 20255

PTD: 6,500' (Green River formation)

GL: 5838' - 6000'

Monument Federal #33-10-9-16

NW SE Section 10, T9S, R16E

Duchesne County, UT

1980' FSL, 1980' FEL

PROPOSED FOOTAGES

1980' FSL, 1980' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: 6,500' (Green River formation)

GL: 5646.4' - 5800'

Monument Federal #43-10-9-16

NE SE Section 10, T9S, R16E

Duchesne County, UT

19800' FSL, 660' FEL

PROPOSED FOOTAGES

1914' FSL, 722' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 72107

PTD: 6,500' (Green River formation)

GL: 5668.6' - 5800'

8/16/96



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 31-18-9-16Y Well, 648' FNL, 1992' FEL,
NW NE, Sec. 18, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31725.

Sincerely,

R. I. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office



Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 31-18-9-16Y
API Number: 43-013-31725
Lease: UTU-74390
Location: NW NE Sec. 18 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

CONFIDENTIAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface NW NE Section 18, T9S, R16E
At proposed prod. zone 648' FNL, 1992' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, ET, GR, etc.)
GL 5884.3'

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#31-18-9-16Y

10. FIELD AND POOL, OR WILDCAT
Monument Butte/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18, T9S, R16Y

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

DEC 0 2 1996

RECEIVED

SEP 30 1996

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Robbie Schuman TITLE Regulatory and Environmental Specialist DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO. 43-013-31725 APPROVAL DATE

APPROVED BY Jerry Kung TITLE ACTING Assistant Field Manager DATE NOV 27 1996
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

114080-6M-221

*See Instructions On Reverse Side

NOTICE OF APPROVAL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 31-18-9-16Y

API Number: 43-013-31725

Lease Number: U-74390

Location: NWNE Sec. 6 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 1399 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 1199 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

The existing silt dam located down drainage for the location shall be cleaned out.

A multi-cylinder engine is required if this is a producing well.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 31-18-9-16Y

Api No. 43-013-31725

Section 18 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED:

Date 2/13/97

Time

How ROTARY

Drilling will commence

Reported by D. INGRAM

Telephone #

Date: 2/13/97 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-74390

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon. Fed. #31-18-9-16Y

9. API Well No.
43-013-31725

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW NE Section 18, T9S, R16E
648' FNL, 1992' FEL

CONFIDENTIAL

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other 1st production

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

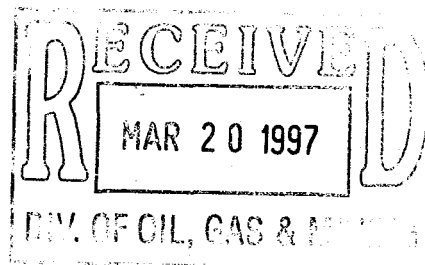
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well started pumping on 3/17/97.

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas, and Mining



ORIGINAL:
COPY:

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Regulatory and
Title Environmental Specialist

Date March 18, 1997

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR Equitable Resources Energy
ADDRESS 11601 Lewis Ave.
Billings MT 59102
(406) 239-7860

OPERATOR ACCT. NO. N 98910

ATTN: LEESA
THANKS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					00	SE	TP	RG	COUNTY		
A	99999	12104	43013-31205	MF 31-18-9-1164	NAME	18	9S	116E	Duchesne	2-14-97	2-14-97
WELL 1 COMMENTS: <u>This well spud on 2-14-97.</u>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Mary Conrad
Signature

Oper. Tech.
Title

4-14-97
Date

Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 648' FNL & 1992' FEL

At top prod. interval reported below

At total depth

CONFIDENTIAL

14. PERMIT NO. 43-013-31725 DATE ISSUED 11-20-96

15. DATE SPUDDED 2-13-97 16. DATE T.D. REACHED 2-21-97 17. DATE COMPL. (Ready to prod.) 3-17-97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5884.3' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5700' 21. PLUG, BACK T.D., MD & TVD 5627' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4056' - 4894' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR CNL HALS 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	259.75' KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5674.68' KB	7-7/8"	250 sxs Prem-Lite w/additives	None
				570 sxs 50/50 FOZ w/additives	

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4995.27' KB	n/a

PERFORATION RECORD (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
4757' - 4759' (2 SPF)	4080' - 4086' (4 SPF)
4761' - 4767' (2 SPF)	4088' - 4096' (4 SPF)
4824' - 4833' (2 SPF)	4098' - 4108' (4 SPF)
4873' - 4894' (2 SPF)	
4056' - 4064' (4 SPF)	

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3-17-97	1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-2-97	24	n/a		50	57.7	0	1.15 mcf/bbl

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		50	57.7	0	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel and sent to Monument Butte Gas Plant.

35. LIST OF ATTACHMENTS
Section 32 - Acid Shot Fracture and Cement Squeeze

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad

TITLE Operations Technician

DATE 4-24-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Green River Horsebench SS 2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Greer Marker Black Shale Facies Carbonate Marker	1537' 2110' 3788' 4420' 4571' 4799' 4942' n/a 5462'	1537' 2110' 3788' 4420' 4571' 4799' 4942' n/a 5462'

**Attachment to Completion Report
Monument Federal #31-18-9-16Y
NW NE Section 18, T9S, R16E
Duchesne County, Utah**

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
4757' - 4767'	Break down with 2,226 gallons 2% KCL water.
4824' - 4833'	Break down with 2,394 gallons 2% KCL water.
4873' - 4894'	Break down with 2,520 gallons 2% KCL water.
4757' - 4894'	Fracture with 116,740# 16/30 mesh sand with 35,238 gallons 2% KCL gelled water.
4056' - 4108'	Break down with 4,158 gallons 2% KCL water. Fracture with 100,110# 16/30 mesh sand with 30,660 gallons 2% KCL gelled water.

/mc

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

648' FNL, 1992' FEL

PTD: 5700' Formation: Green River

Monument Butte Prospect

API #43-013-31725

Elevations: GL 5884.3"

Contractor: Union Drilling

Operator: EREC/Western Region

Spud: 02/13/97

Casing: 8-5/8", 24#, J55 @ 259.75' KB

5-1/2", 15.5#, J-55 @ 5674.68' KB

Tubing: 2-7/8", 6.5#, J-55 @ 4995.27' KB

02/14/97 TD: 200' (200') Day 1

Present Operation: Drilling 12-1/4" hole

Spud well @ 3:00 PM, 2-13-97. MIRU, set rat hole, drive 20" csg drill & set 14" conductor. Dig cellar & well conductor. Drill 200' of 17-1/2" and 12-1/4" hole w/air & foam.

DC: \$3,600

CC: \$3,600

02/15/97 TD: 583' (383') Day 2

Present Operation: Drilling 7-7/8" Hole

Drill 80' of 12-1/4" hole, TD @ 280'. Circulate hole, TOOH, ND, run 8-5/8", J-55, 24# csg as follows:

Shoe	.90'
Shoe Jt	41.75'
Baffle Plate	0.00'
5 Jts Csg	207.10'
Total Csg Length	249.75'
Landing Jt	10.00'
Depth Landed	259.75' KB

Cement w/160 sxs "G" + 2% CaCl₂ + 1/4#/sx Cello Flake + 25 sxs "G" + 2% CaCl₂, top plug. WOC. Plug down @ 9:30 AM, 2-14-97. 4 bbls cement to pit. NU stack, pressure test well head and BOP stack. TIH, blow wtr, drill cement. Drill 303' of 7-7/8" hole w/air/foam.

DC: \$6,894

CC: \$10,494

02/16/97 TD: 1702' (1119') Day 3

Present Operation: Drilling 7-7/8" Hole

Drill 1119' of 7-7/8" hole. Ran 3 surveys, changed over from drill collars to drill pipe and service rig.

DC: \$20,142

CC: \$30,636

**EREC, Western Region
DAILY OPERATING REPORT**

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

02/17/97 TD: 2765' (1063') Day 4
Present Operation: Drilling 7-7/8" Hole
Drill 1063' of 7-7/8" hole w/foam/air mixture. Ran 2 surveys and service rig.
DC: \$19,134 CC: \$49,770

02/18/97 TD: 3689' (924') Day 5
Present Operation: Drilling 7-7/8" Hole
Drill 924' of 7-7/8" hole w/air/foam. Ran 2 surveys and service rig.
DC: \$16,632 CC: \$66,402

02/19/97 TD: 4431' (742') Day 6
Present Operation: Drilling 7-7/8" hole
Drill 119' of 7-7/8" hole w/air foam, circulate hole. TOOH, blow kelly, drop survey, TIH, switch to fluid. Drill 523' of 7-7/8" hole w/fluid. Total footage drilled 742'.
DC: \$13,356 CC: \$79,758

02/20/97 TD: 5320' (889') Day 7
Present Operation: Drilling 7-7/8" Hole
The rig made 889' of 7-7/8" hole and ran 2 surveys.
DC: \$16,002 CC: \$95,760

02/21/97 TD: 5700' (380') Day 8
Present Operation: Running 5-1/2" Csg
Drill 380' of 7-7/8" hole, TD well @ 5700'. Circulate hole, TOOH, LD drill pipe & drill collars. Service rig. RU and log well, RU & run 5-1/2", J-55, 15.5# csg as follows:

Shoe	.90'
Shoe Joint	41.32'
Float Collar	1.10'
132 Jts 5-1/2" Csg	5621.36'
Total Csg Length	5664.68'
Landing Jt	10.00'
Depth Landed	5674.68' KB
PBTD	5631.36' KB

Cemented w/Lead = 250 sxs Prem Lite Plus + 10% Gel + 6#/sx BA-91 + .5% Sod metas + 2#/sx Kolseal + 1/4#/sx Cello Flake. Tail = 570 sxs 50/50 poz + 2% Gel + 1/4#/sx Cello Flake + 2#/sx Kolseal. Plug down @ 7:00 AM, release rig @ 11:00 AM, circulated 15 bbls cement to pit.
DC: \$6,840 CC: \$102,600

**EREC, Western Region
DAILY OPERATING REPORT**

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

02/22/97 TD: 5700' (0') Day 9

Present Operation: Finish Running 5-2/3" csg.

Finished running 5664' of 5-1/2" csg. Set @ 5674', cemented w/ 820 sxs by BJ Services. Plug down @ 8:00 AM. Release rig @ 12:00 PM. RDMO.

02/28/97 Completion

MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP. TIH w/4-3/4" bit, csg scrapper & 181 jts 2-7/8" tbg. Tag PBTB @ 5627' KB. Circulate hole clean w/140 bbls 2% KCL wtr. Pressure test csg & BOP to 1000 psi, OK. TOOH w/tbg & tools. SWIFN.

DC: \$6,632

CC: \$109,232

03/01/97 Completion

RU Cutter Wire Line To run CBL & perf. Run CBL from 5637' KB to 100' KB, w/1000 psi. TOC @ surface. Perf 4757' - 4759', 4761' - 4767', 4824' - 4833' & 4873' - 4894', 2SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 148 jts 2-7/8" tbg. Set BP @ 4813' KB, EOT @ 4748' KB, pkr @ 4740' KB. Shut well in until 3-3-97.

DC: \$6,481

CC: \$115,713

03/03/97 Completion

RU BJ Services and break down 4757' - 4759' & 4761' - 4767' w/2226 gals 2% KCL wtr. ATP = 2600 psi, ATR = 3.3 bpm, ISIP = 1800 psi. Used 53 bbls wtr. Release pkr, retrieve BP. Reset BP @ 4855' KB, EOT 4809', pkr 4802' KB. Break down 4824' - 4833' w/2394 gals 2% KCL wtr. ATP = 2200 psi, ATR = 3.5 bpm, ISIP = 1700 psi. Used 57 bbls wtr. Release pkr, retrieve BP. Reset BP @ 4932' KB, EOT @ 4862' KB, pkr @ 4855' KB. Break down 4873' - 4894' w/2520 gals 2% KCL wtr, ATP = 2600 psi, ATR = 5.1 bpm, ISIP = 1650 psi. Used 60 bbls wtr. Flow 50 bbls wtr. Release pkr, TOOH w/tbg, pkr & retrieving tool. Frac 4757' - 4759', 4761' - 4767', 4824' - 4833', 4873' - 4894' w/35,238 gals 2% KCL gelled wtr & 116,740 lbs 16/30 mesh sand. ATP = 2300 psi, ATR = 41 bpm, ISIP = 2250 psi, 5 min = 1720 psi, 10 min = 1670 psi, 15 min = 1610 psi, 30 min = 1560 psi. Used 839 bbls wtr. Start forced closure flow back, .7 bpm. Flow back 170 bbls wtr, 1% sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 153 jts 2-7/8" tbg. Tag sand @ 4764' KB. Circulate down to BP @ 4938' KB. Set pkr @ 4740' KB. SWIFD.

DC: \$43,628

CC: \$159,341

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

03/04/97 Completion

Well head froze, thawed well head. Made 35 Swab runs. Refer to Swab Report.
Recovered 7 bbls oil, 165 bbls water, good gas, no sand last 15 runs. Oil 15% last 2 runs. Fluid level 2100' last 2 runs. SWIFD

DC: \$2,402

CC: \$161,743

03/05/97 Completion

Release pkr, tag sand at 4925' KB, circulate down to BP at 4,938' KB. Release BP.
Reset BP at 4190' KB. TOOH w/tbg, pkr and retrieving tool.

RU cutter wire line & perf. 4056' - 64' 4-SPF

4080' - 86' 4-SPF

4088' - 96' 4-SPF

4098' - 4108' 4-SPF

TIH w/retrieving tool, 2 3/8" x 4' sub, HD pkr, 2 7/8" seat nipple and 134 jts.
2 7/8" tbg. Set pkr at 3,995' KB, EOT at 4003' KB. RU BJ Services & break down
perfs noted above w/4158 gal 2% KCL water, 256 ball sealers with ball action being
seen. ATP = 2100 psi; ATR = 6.6 bpm; ISIP = 1250.psi. Used 99 Bbls water. TOOH
w/tbg, pkr & retrieving tool. SWIFD.

DC: \$7,057

CC: \$168,800

03/06/97 Completion

RU BJ Services and Frac 4056' - 4108'. Frac with 30,660 gal of 2% gelled KCL
water, total sand volume 100,110 lbs w/16/30 sand. ATP = 1950 psi; ATR = 26.7
bpm; ISIP = 2100 psi. Start forced closure flow back, .5 bpm. Flow back 75 bbl
water. 7% sand. SIWF 1 hr because of heavy sand returns. Restart flow back at .5
bpm. Flow back 120 bbl water, trace of sand. Total flow back 195 bbl water. TIH
w/retrieving tool, 2 3/8" x 4' sub, HD pkr, 2 7/8" seat nipple & 129 jts tbg. Tag
sand at 4018' KB. Circulate down to BP at 4190' KB.

Set pkr at 3995' KB. SWIFD.

DC: \$33,479

CC: \$202,279

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

03/07/97 Completion

Thaw well head. Made 30 swab runs. Recovered 4 bbls oil, 138 bbls wtr, trace of sand, good gas. Oil 5% last 4 runs. No sand last 5 runs. Fluid level 2200', last 2 runs. Release pkr, tag sand @ 4179' KB. Circulate down to BP @ 4190' KB. Release BP. TOOH w/tbg, pkr & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar 2-7/8"	.40'	4995.27'
1 - jt 2-7/8" EUE M-50 8rd 6.5#	29.35'	4994.87'
1 - Perf sub 2-7/8" x 4'	4.20'	4965.52'
1 - SN 2-7/8"	1.10'	4961.32'
31 - jts 2-7/8" EUE M-50 8rd 6.5#	965.18'	4960.22'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	3995.04'
128 - jts 2-7/8" EUE M-50 8rd 6.5#	3982.29'	3992.29'
KB	10.00'	

SWIFN.

DC: \$16,792

CC: \$219,071

03/08/97 Completion

ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/10" tension (13,000#). Flange up well head. TIH w/DHP & rod string as follows:

- 1 - DHP, 2-1/2 x 1-1/2 x 16 RHAC w/SM plunger (TRICO #1229)
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 1 - 1-1/2" x 25' K-Bar
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 196 - 3/4" x 25' D-61 Plain
- 1 - 3/4" x 6' Pony
- 1 - Polish rod 1-1/2" x 22' SM

Clamp rods off. Pressure test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.

DC: \$9,852

CC: \$228,923

03/17/97 Completion

Start well pumping. 6.0 SPM, 100" stroke.

DC: \$35,214

CC: \$264,137

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 18, T9S, R16E
648' FNL & 1992' FEL

5. Lease Designation and Serial No.
U-74390

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.

Monument Fed. #31-18-9-16Y

9. API Well No.

43-013-31725

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Onshore Order #7

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

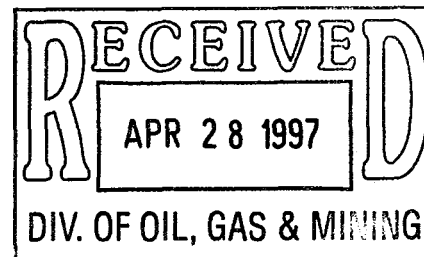
☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, UT. A copy of the state-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another state-approved disposal facility. If applicable, the Operator has received approved Right-of-Way access to this well location from the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title Operations Technician

Date 4-24-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 18, T9S, R16E
648' FNL & 1992' FEL

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #31-18-9-16Y

9. API Well No.

43-013-31725

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

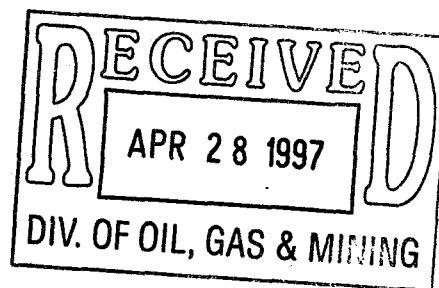
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security Diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Technician

Date 4-24-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

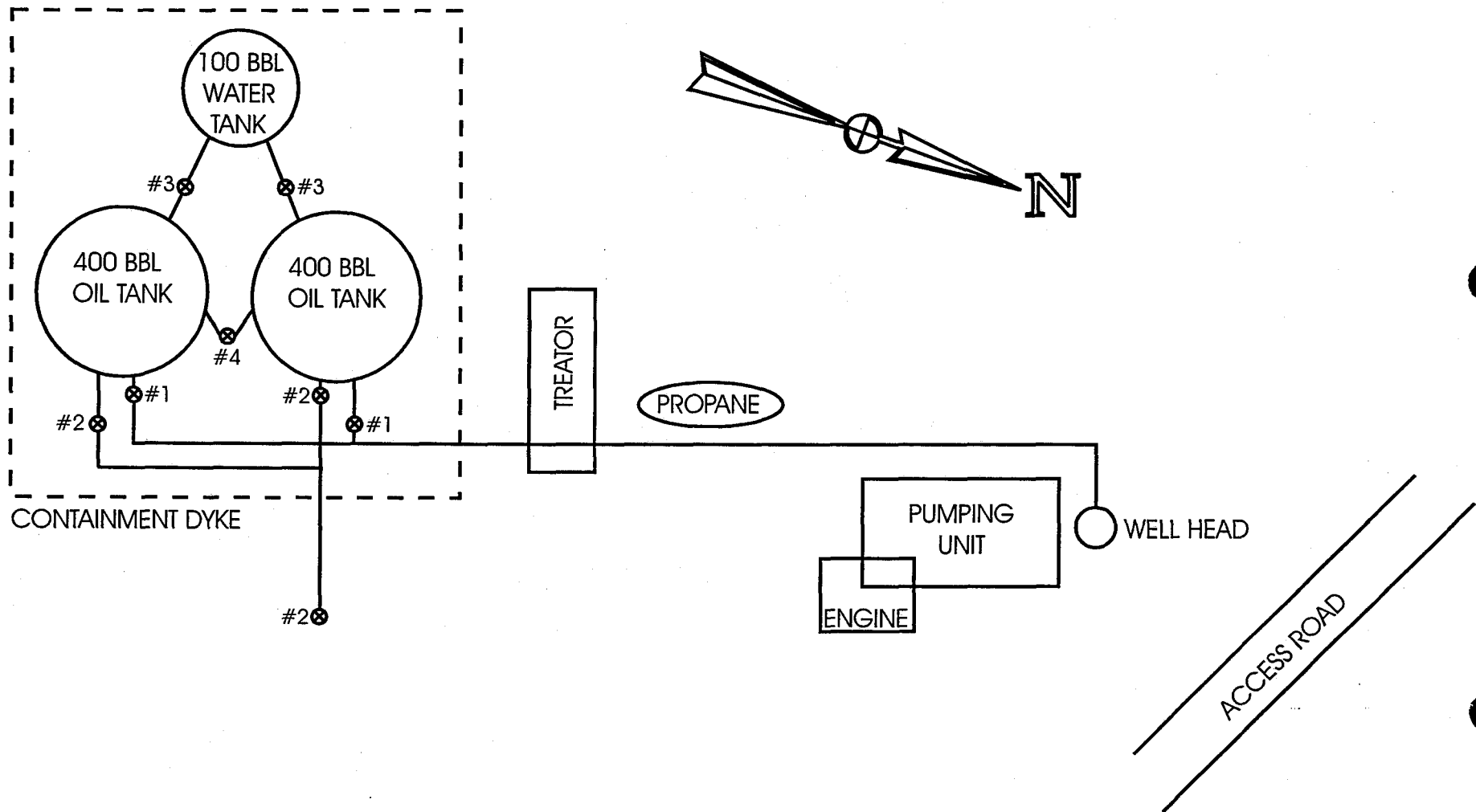
Date _____

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*See Instruction on Reverse Side

**EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL 31-18-9-16Y
PRODUCTION FACILITY DIAGRAM**

MONUMENT FEDERAL 31-18-9-16Y
NW NE SEC. 18, T9S, R16E
DUCHESNE COUNTY, UTAH
FEDERAL LEASE #U-74390



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED
VALVE #4	OPEN	CLOSED

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES
ENERGY COMPANY**

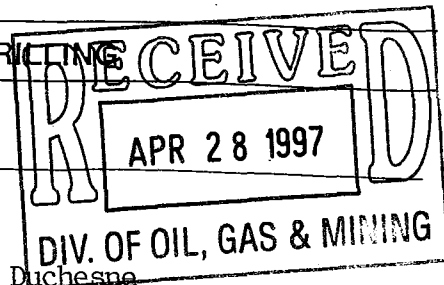
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

APRIL 15, 1997

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING



1. Well name and number: Monument Federal #31-18-9-16Y
API number: 43-013-31725
2. Well Location: QQ NW NE Section 18 Township 9S Range 16E County Duchesne
3. Well operator: Equitable Resources Energy Company
Address: 1601 Lewis Avenue
Billings, MT 59102 Phone: (406) 259-7860
4. Drilling contractor: Union Drilling
Address: Drawer 40
Buckhannon, WV 26201 Phone: (304) 472-4610
5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered during drilling operations.	

6. Formation tops: Please see completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge. Date: 4-24-97

Name & Signature: Molly Conrad *Molly Conrad* Title: Operations Technician

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 14 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 34-31-8-16								
4301331715	12067	08S 16E 31	GRRV			KTU 74389		
MONUMENT FEDERAL 31-21-9-16Y								
4301331726	12080	09S 16E 21	GRRV			KTU 64379		
MONUMENT FEDERAL 33-10-9-16								
4301331722	12087	09S 16E 10	GRRV			KTU 72107		
MONUMENT STATE 11-36-8-17Y								
4304732764	12095	08S 17E 36	GRRV			ML 44305		
MONUMENT BUTTE FED 31-18-9-16Y								
4301331725	12104	09S 16E 18	GRRV			KTU 74390		
MONUMENT FEDERAL 42-18-9-16Y								
4301331724	12124	09S 16E 18	GRRV			4		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

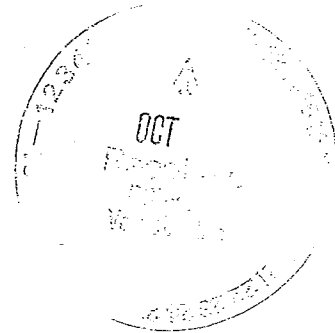


RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

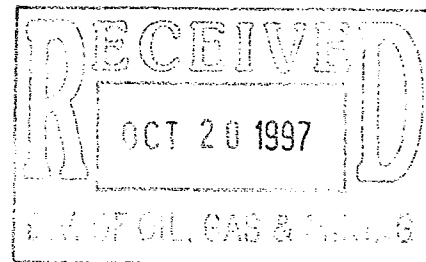
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

Title

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

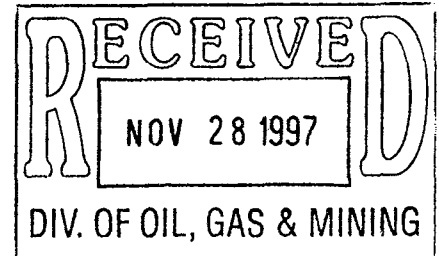
Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: ⁴³⁻⁰¹³⁻³¹⁷²⁵
Well No. Mon. Fed. 31-18-9-16Y
NWNE, Sec. 18, T9S, R16E
Lease U-74390
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: ~~Division of Oil, Gas & Mining~~
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

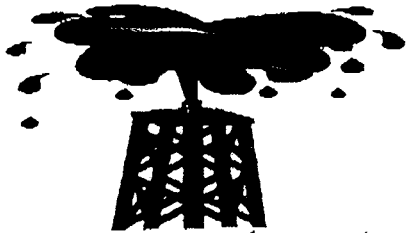
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.*
Call if you need anything
further.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-REC	6-REC
2-GHF	7-KAS ✓
3-DTS ✓	8-SI
4-VLD ✓	9-FILE
5-JRB ✓	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-613-31725</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
- Sec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- Sec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
- Sec 6. Cardex file has been updated for each well listed above. *(12-3-97)*
- Sec 7. Well file labels have been updated for each well listed above. *(12-3-97)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JEC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A JEC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A DTJ 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A ^{12/5/97} 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 6.2.98 ^{7.8.98}

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971202 BLM/Vernal Aprv. Nov. 10, 13 & 20, 1997.

WEST POINT UNIT WELL LISTING

AS OF 7/13/98

T. 8 & 9S, R. 16E

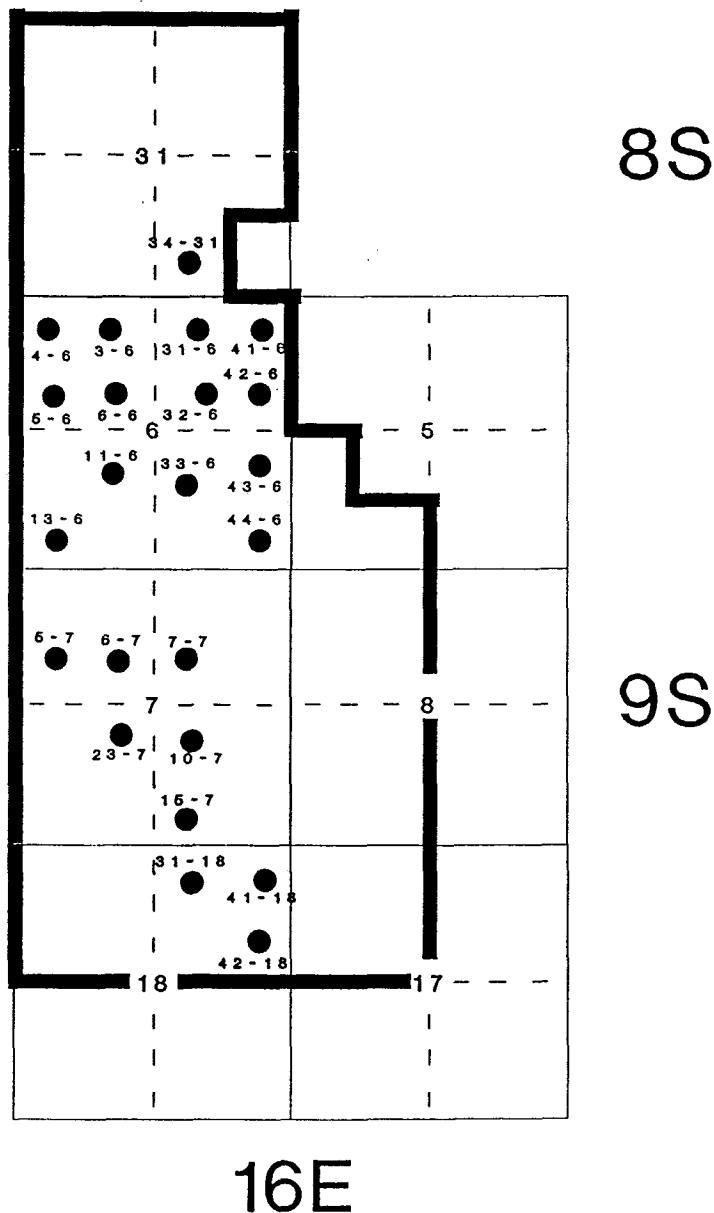
SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-86-09-16Y	PROD	4301331390	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331559	11933
6	WEST POINT UNIT	FED 44-86-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
* 18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332010	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332014	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332011	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332012	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332013	12325
	WEST POINT UNIT	NINE MILE 14-6	P & A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98

WEST POINT (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



— UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY
ALLOCATION

FEDERAL 100%

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

MONUMENT BUTTE FED 31-18-9-16Y

9. API Well No.

43-013-31725

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0648 FNL 1992 FEL

NW/NE Section 18, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

Site Security

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

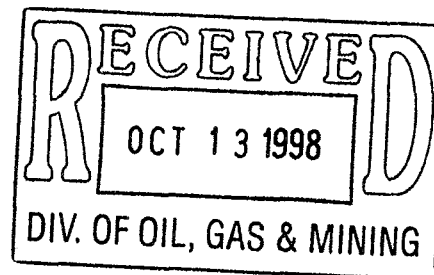
☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company

Site Facility Diagram

Monument Federal 31-18Y

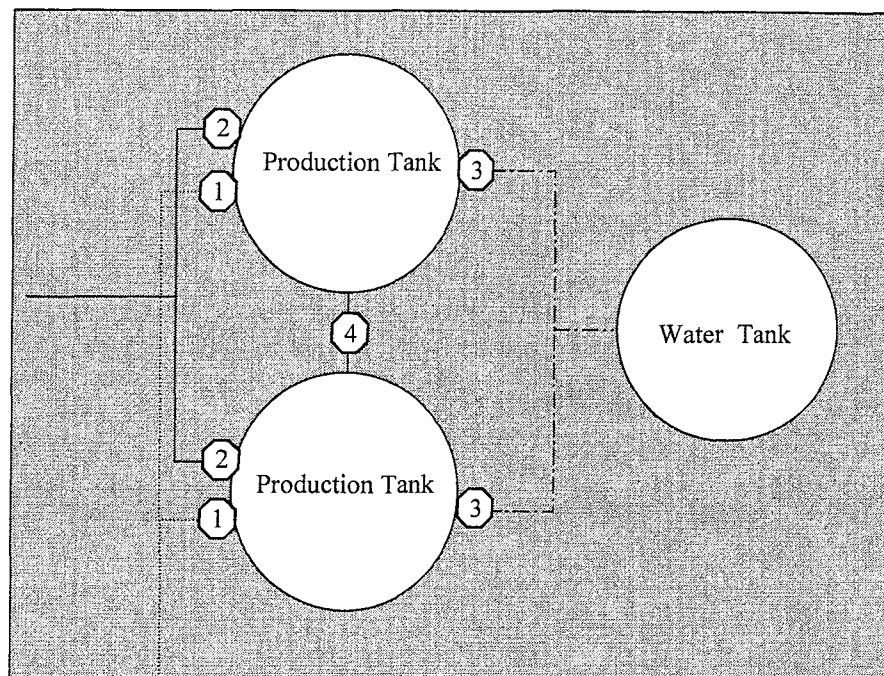
NW/NE Sec. 18, T9S, 16E

Duchesne County

Sept. 17, 1998

Legend

Emulsion Line
Load Line	————
Water Line	- - - - -
Gas Sales	- . - . -



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 3 & 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Heater Treater

Diked Section

Pumping Unit

Well Head



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****WEST POINT (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON BUTTE FED 31-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0648 FNL 1992 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317250000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/28/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 03/22/2012. On 03/26/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/28/2012 the casing was pressured up to 1205 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: April 09, 2012 By:		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/30/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 3/28/12 Time 10:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MON. BUTTE FEDERAL</u> <u>31-18-9-164</u> Well Location: <u>MON. BUTTE FEDERAL</u> <u>31-18-9-164</u> <u>NW/NE SEC. 18, T9S, R16E</u>	Field: <u>MON. BUTTE FEDERAL</u> <u>Duchesne County, UTAH</u> API No: <u>UTU-87538X</u> <u>43-013-31725</u>
--	--

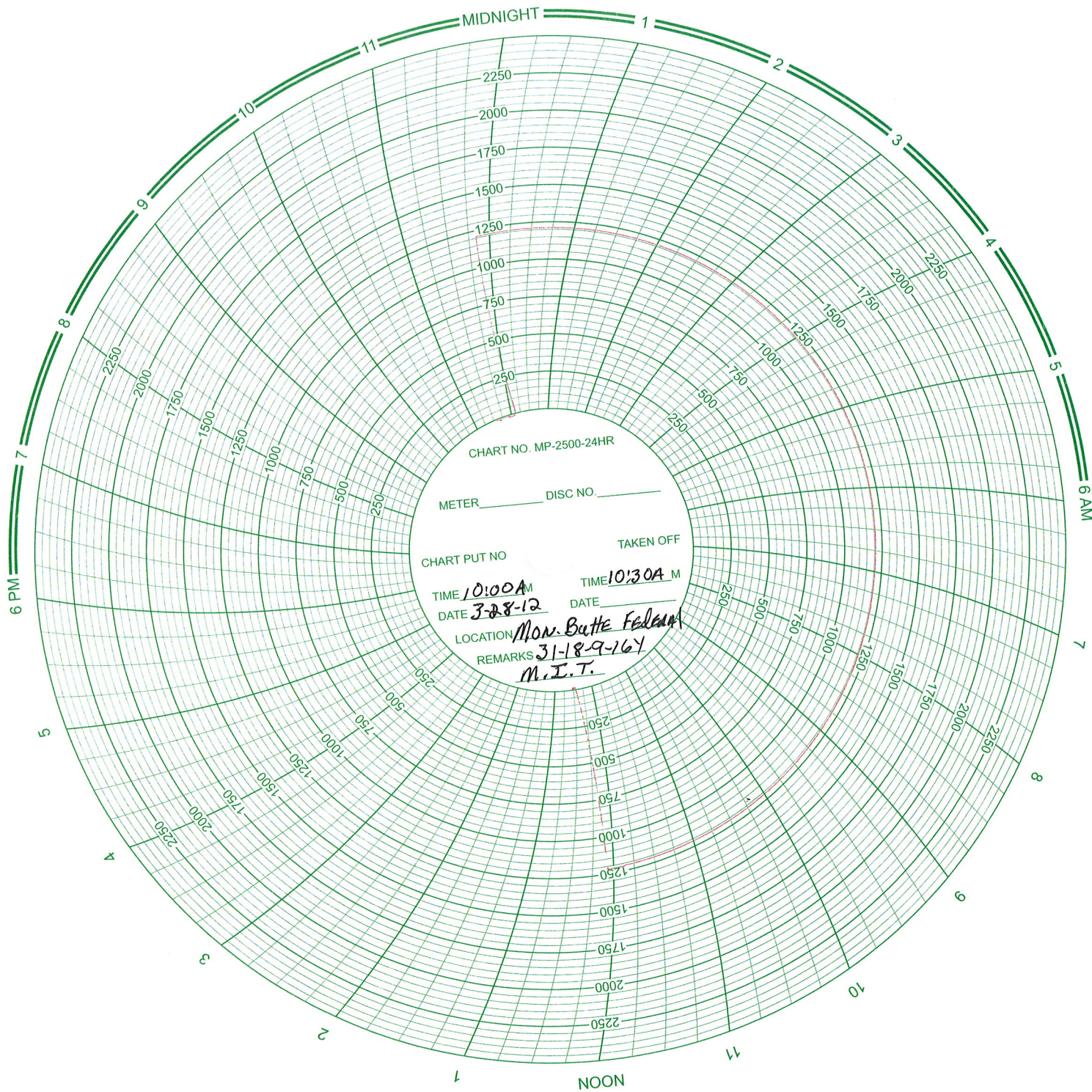
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1205</u>	psig
5	<u>1205</u>	psig
10	<u>1205</u>	psig
15	<u>1205</u>	psig
20	<u>1205</u>	psig
25	<u>1205</u>	psig
30 min	<u>1205</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: David Cloward



Daily Activity Report**Format For Sundry****MON BT 31-18Y-9-16****1/1/2012 To 5/30/2012****3/21/2012 Day: 1****Conversion**

WWS #7 on 3/21/2012 - MIRUS WWS #7. TOO H laying down rod string. X-over to tbg equipment. Release TAC. NU BOP. RU work floor. - Crew travel - MIRUS WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Unseat rod pump. Flush rods & tbg w/ 40 bw @ 250°. Soft seat pump. Pressure test tbg to 3000 psi. Good test. Retrieve rods. TOO H laying down rods. Get out of hole w/ 1 - 1 1/2" x 22' polished rod, 1 - 4' & 2 - 6' x 3/4" pony rods, 90 - 3/4" guided rods (4 per), 83 - 3/4" slick rods, 18 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD pump (flushed 4 times on TOO H w/ 80 bw). X-over to tbg equipment. ND wellhead. Release TAC. NU BOP. RU work floor. SDFN EWTR 180 BBLs - Crew travel - MIRUS WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Unseat rod pump. Flush rods & tbg w/ 40 bw @ 250°. Soft seat pump. Pressure test tbg to 3000 psi. Good test. Retrieve rods. TOO H laying down rods. Get out of hole w/ 1 - 1 1/2" x 22' polished rod, 1 - 4' & 2 - 6' x 3/4" pony rods, 90 - 3/4" guided rods (4 per), 83 - 3/4" slick rods, 18 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD pump (flushed 4 times on TOO H w/ 80 bw). X-over to tbg equipment. ND wellhead. Release TAC. NU BOP. RU work floor. SDFN EWTR 180 BBLs

Daily Cost: \$0**Cumulative Cost:** \$66,805

3/23/2012 Day: 2**Conversion**

WWS #7 on 3/23/2012 - Check csg pressure. Good test. RDMOSU WWS #7. - Crew travel & pre-job safety meeting. - Check pressure on csg. Good test. RDMOSU WWS #7. Ready for MIT!!!! - Crew travel & pre-job safety meeting. - Check pressure on csg. Good test. RDMOSU WWS #7. Ready for MIT!!!!

Daily Cost: \$0**Cumulative Cost:** (\$2,732)

3/29/2012 Day: 3**Conversion**

Rigless on 3/29/2012 - Conduct initial MIT - On 03/26/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/28/2012 the casing was pressured up to 1205 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 03/26/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/28/2012 the casing was pressured up to 1205 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$22,588

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: MON BUTTE FED 31-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0648 FNL 1992 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317250000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/20/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 9:30 AM on 04/20/2012</p> </div> <div style="width: 35%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>May 15, 2012</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/2/2012	

UNCONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW NE Section 18, T9S, R16E

At proposed prod. zone

648' ENL, 1992' FEL
147 607

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6,000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5884.3'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

CONFIDENTIAL

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

Regulatory and
TITLE Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31725

APPROVED BY

Matthew

TITLE

Engineer

DATE

11/20/96

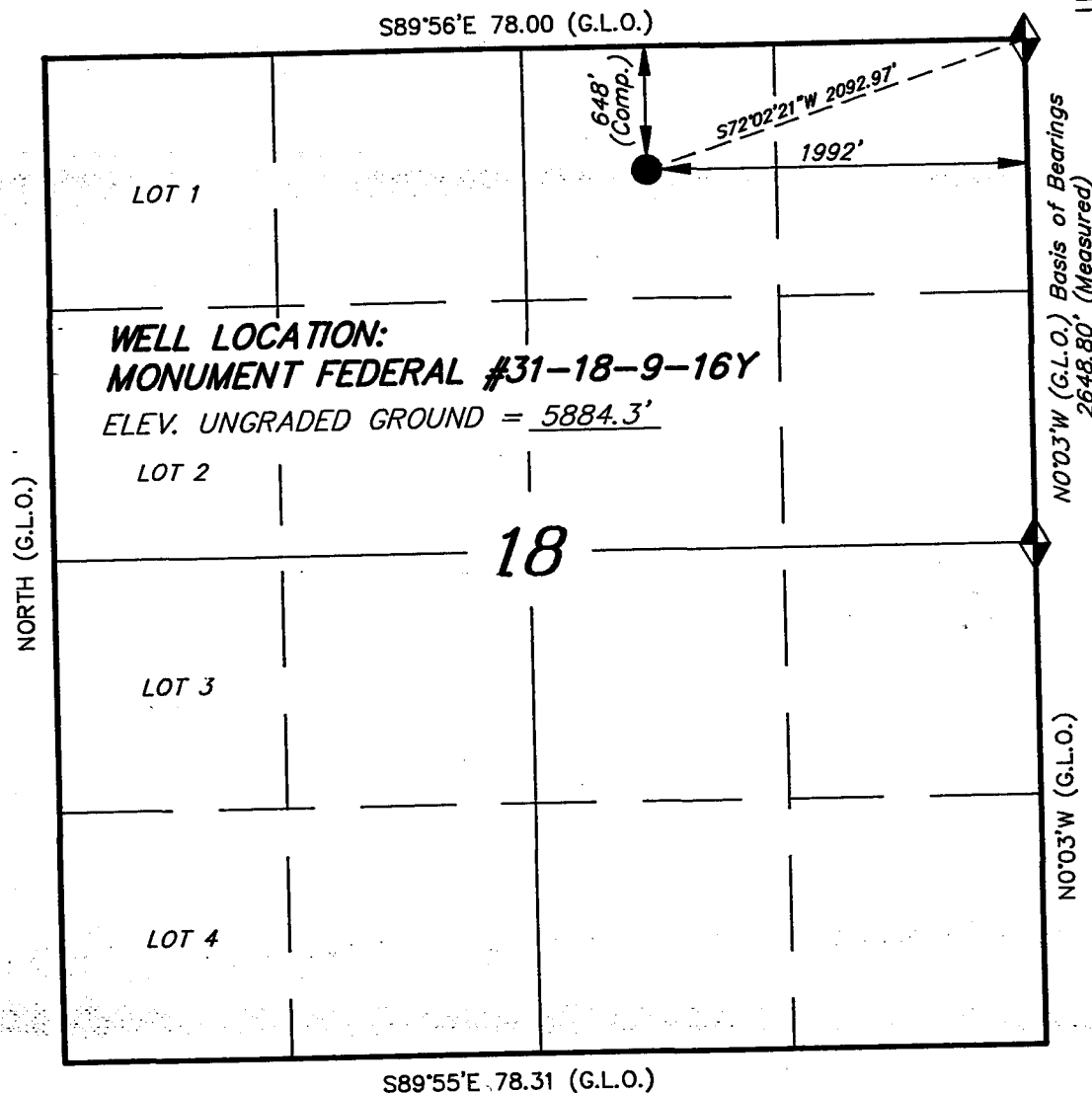
CONDITIONS OF APPROVAL, IF ANY.

*See Instructions On Reverse Side

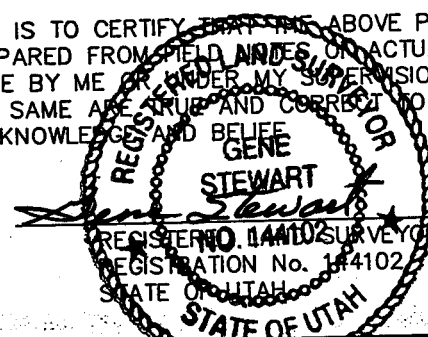
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #31-18-9-16Y, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 18, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES, OR ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 9-7-96

WEATHER: HOT

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #31-18-9-16Y
NW NE Section 18, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #31-18-9-16Y
NW NE SECTION 18, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 200' & 250' South and 150' & 200' East.
- B. The Monument Federal #31-18-9-16Y is located 10 miles Southwest of Myton Utah in the NW1/4 NE1/4 Section 18, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 31-18-9-16Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 1.7 miles to a road intersection, turn right and continue 9.9 miles to the proposed access road sign. Follow flags 0.1 mile to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.1 mile of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the West side of location. Access will be from the North near corner #7.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 27, 1996
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
Equitable Resources Energy Co.



Well Prognosis

Well Name Monument Fed. #31-18-9-16Y					Control Well				
Location NW/NE Sec. 6-T9S-R16E (648 fnl, 1992 fel)					Operator EREC				
County/State Duchesne County, Utah					Well Name Monument Federal 41-18Y				
Field Mon. Butte Well Type Dev.					Location NE/NE Sec. 18-T9S-R16E				
GL (Ung) 5884.3 EST. KB 5895 Total Depth 6000					KB 6029				

Formation Tops		Prognosis		Sample Top		Control Well	High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1546	4349			4334			
HORSEBENCH SS	2130	3765			3750			
2ND GARDEN GULCH	3799	2096			2081			
Y-2(PAY)	4101	1794			1779			
Y-3 (PAY)	4133	1762			1747			
Y-4 (PAY)	4289	1606			1591			
Y-5 (PAY)	4324	1571			1556			
YELLOW MARKER	4424	1471			1456			
DOUGLAS CREEK	4568	1327			1312			
R-1 (PAY)	4586	1309			1294			
2ND DOUGLAS CREEK	4797	1098			1083			
G-1U (PAY)	4810	1085			1070			
GREEN MARKER	4925	970			955			
G-5 (PAY)	5094	801			786			
CARBONATE MARKER	5481	414			399			
B-1 (PAY)	5535	360			345			
TD	5700							

Samples

50' FROM 1500' TO 3900'

20' FROM 3900' TO TD

5' THROUGH EXPECTED PAY

5' THROUGH DRILLING BREAKS

DST,s

DST #1 NONE

DST #2

DST #3

DST #4

Logs

DLL FROM SURF CSNG TO TD

LDT/CNL FROM 3700' TO TD

Cores

Core #1

Core #2

Core #3

Core #4

Comments:

Wellsite Geologist

Name: _____

From: _____ To: _____

Address: _____

Phone # _____ wk.

_____ hm.

Fax # _____

Mud Logger

Company: _____

From: 1500' To: TD

Type: 2-MAN

Logger: _____

Phone # _____

Fax # _____

Report To: 1st Name: DAVE BICKERSTAFF

2nd Name: KEVEN REINSCHMIDT

Prepared By: BICKERSTAFF 9/9/96

Phone # (406)259-7860 wk. (406)245-2261 hm.

Phone # (406)259-7860 wk. (406)248-7026 hm.

Phone # _____ wk. _____ hm.



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

D

DRILLING PROGRAM

WELL NAME: Monument Federal #31-18-9-16Y DATE: 9-26-96
PROSPECT/FIELD: Monument Butte
LOCATION: NW/NE Section 18 Twn. 9S Rge. 16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
7 7/8" 260' to 5700'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5700'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	205 sacks 28:72 Poz. (28% POZ: 72% Class "C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Strght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ (50% POZ: 50% Class "G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700) (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

- 1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC	Well Name: MF 31-18-9-16Y
Project ID:	Location: Duchesne / Utah

Design Parameters:

Mud weight (8.70 ppg) : 0.452 psi/ft
 Shut in surface pressure : 2006 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,700	5-1/2"	15.50	K-55	ST&C	5,700	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2576	4040	1.568	2576	4810	1.87	88.35	222 2.51 J

Prepared by : *McCaskery, Billings, Montana*

Date : 09-26-1996

Remarks :

Design is for a Production string.

Minimum segment length for the 5,700 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and 2,576 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

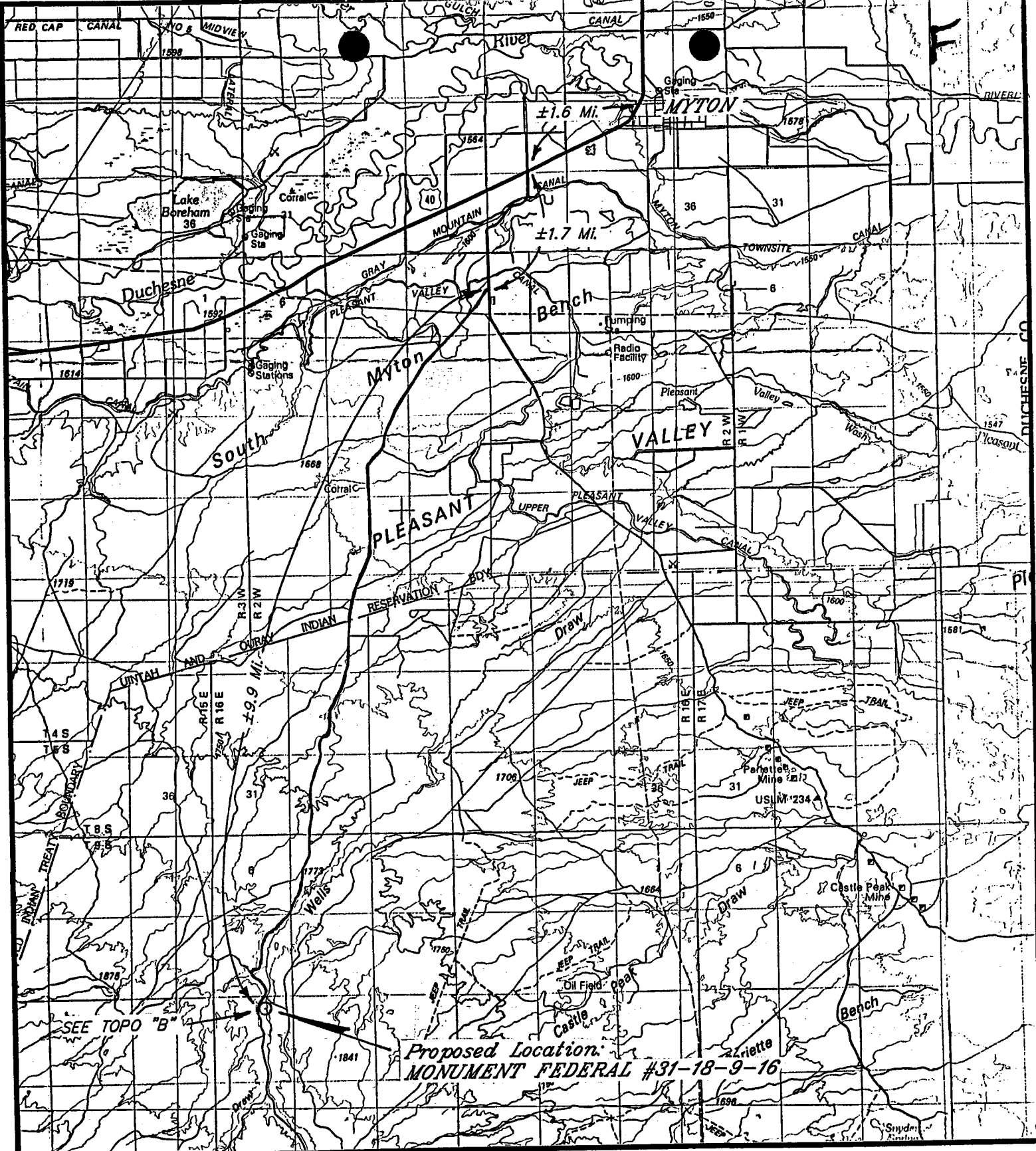
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

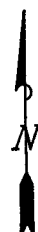
3/28/95

/rs

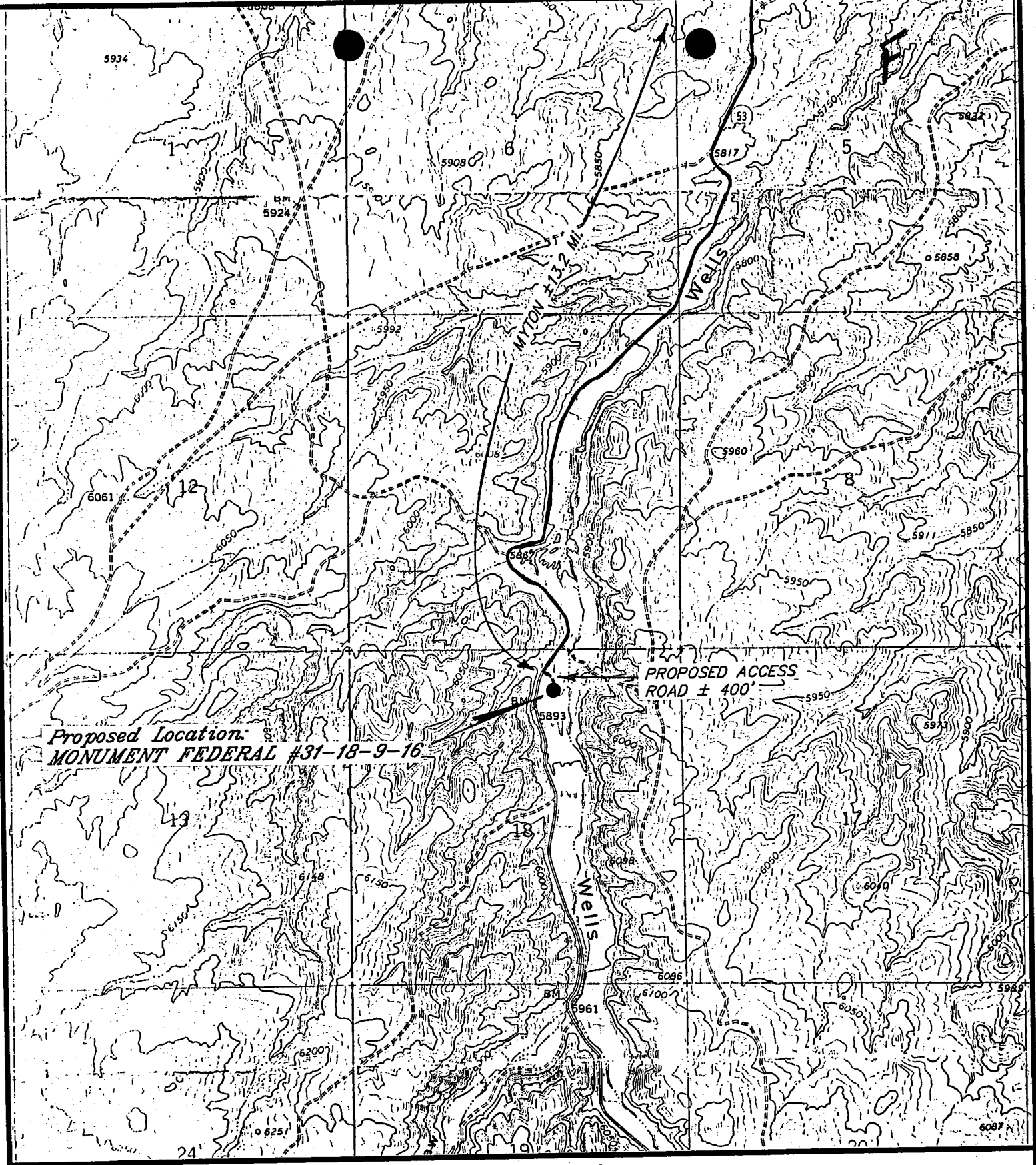


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.
TOPO "A"

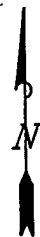


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.
TOPO "B"

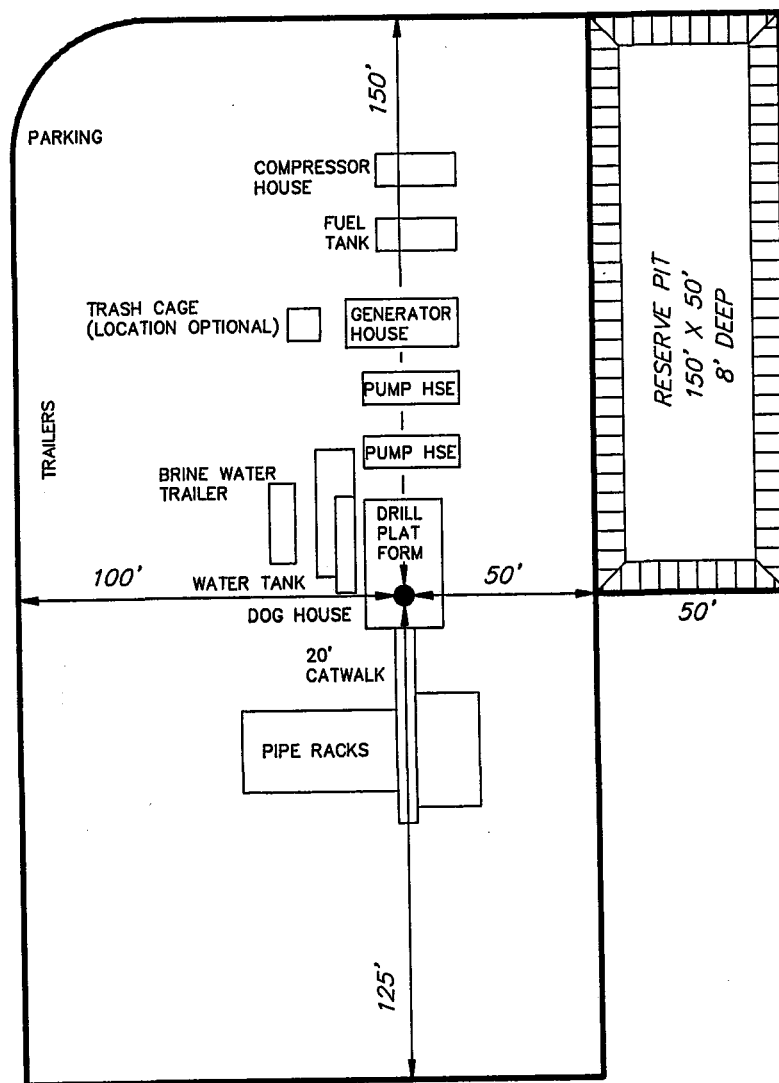


SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

G

TYPICAL RIG LAYOUT
MONUMENT FEDERAL #31-18-9-16Y



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38 WEST 100 NORTH, VERNAL, UTAH 84078

UNION DRILLING RIG #17

Hex Key

Rotating Head

Adj. Choke

Air Bowl

7" Flowline

#3000
Blind Ram - Pipe Ram

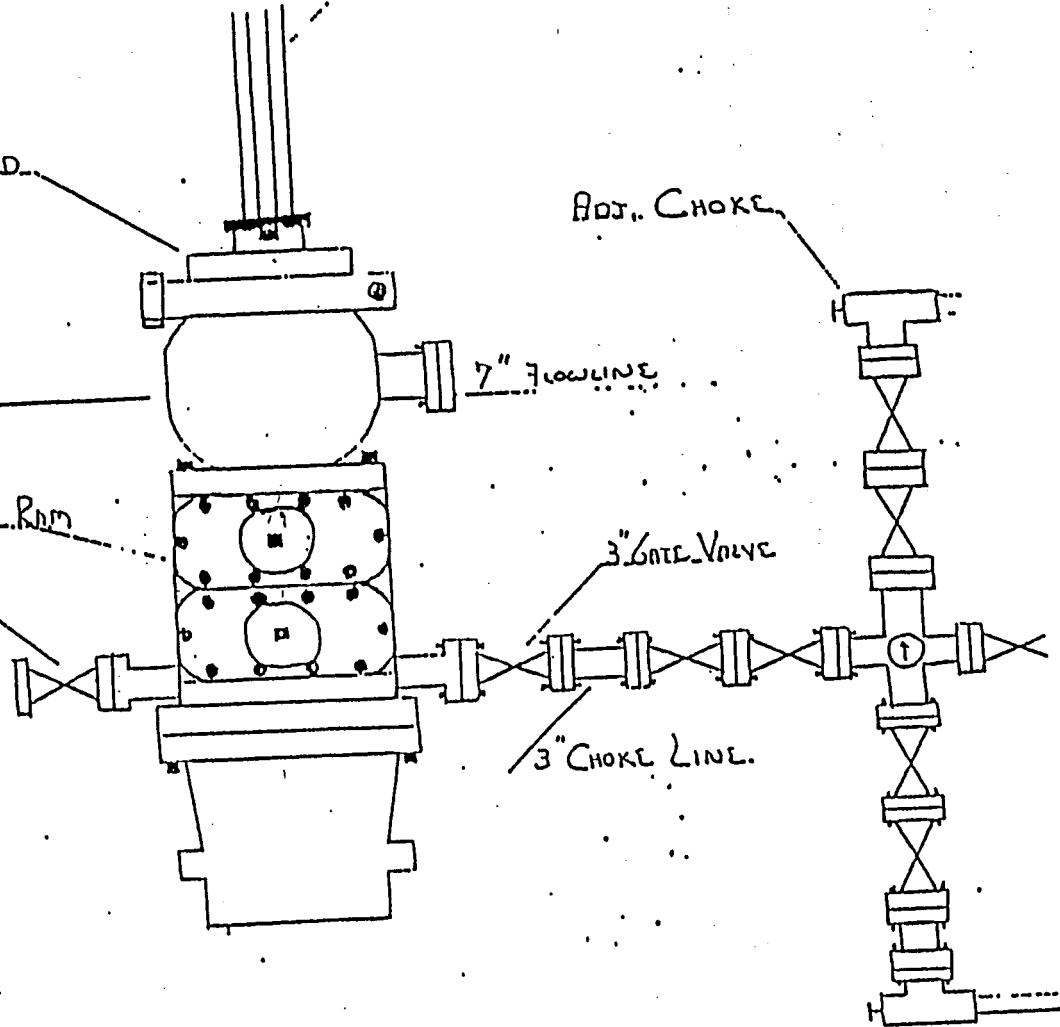
3" Gate Valve

3" Gate Valve

3" Choke Line

Adj. Choke

#3000 Stack



T8S
R15E

I

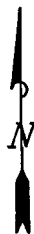
T9S
R16E

Proposed Location:
MONUMENT FEDERAL #31-18-9-16

T9S
R15E

EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-18-9-16
SEC. 18, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

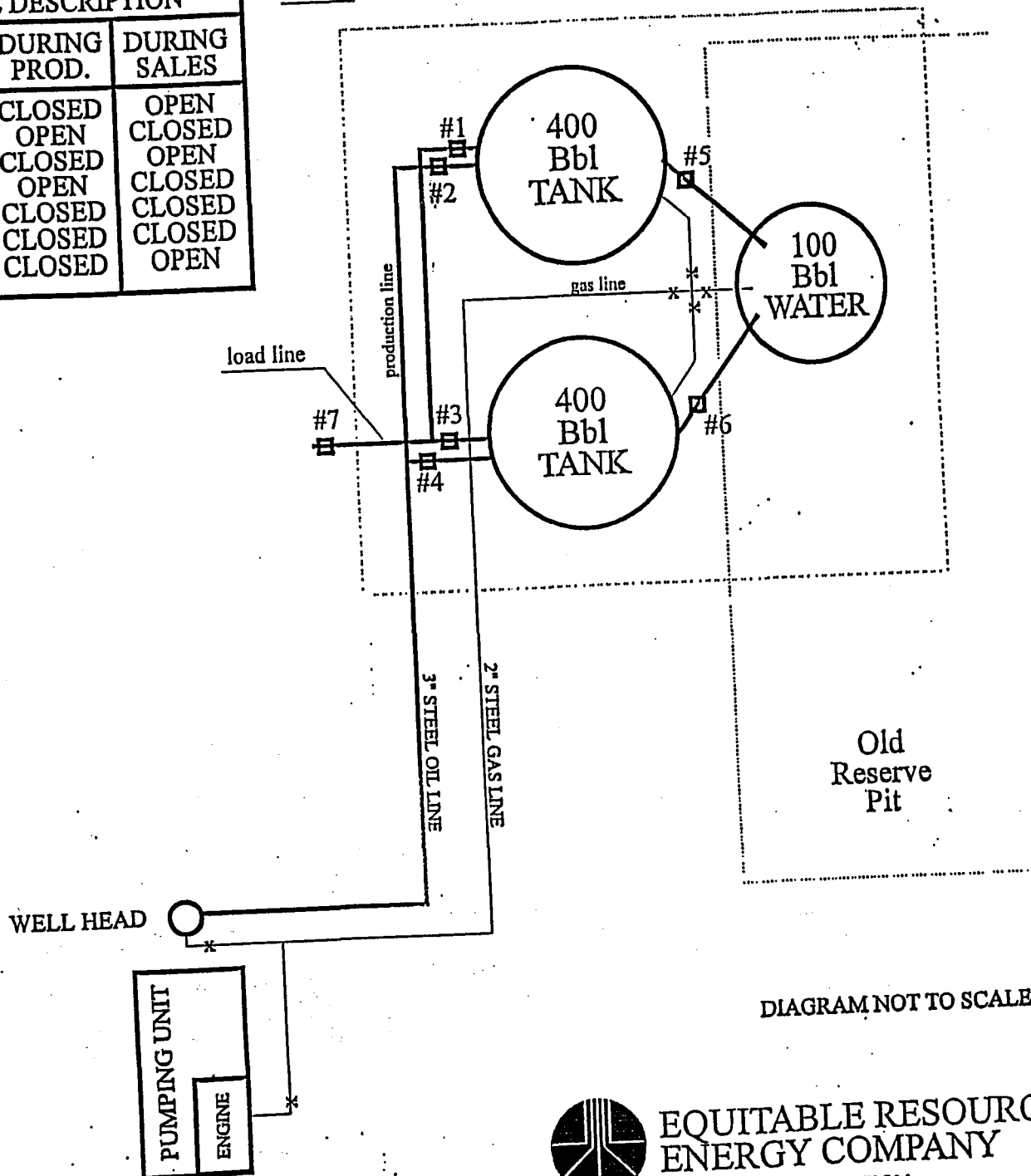


DIAGRAM NOT TO SCALE



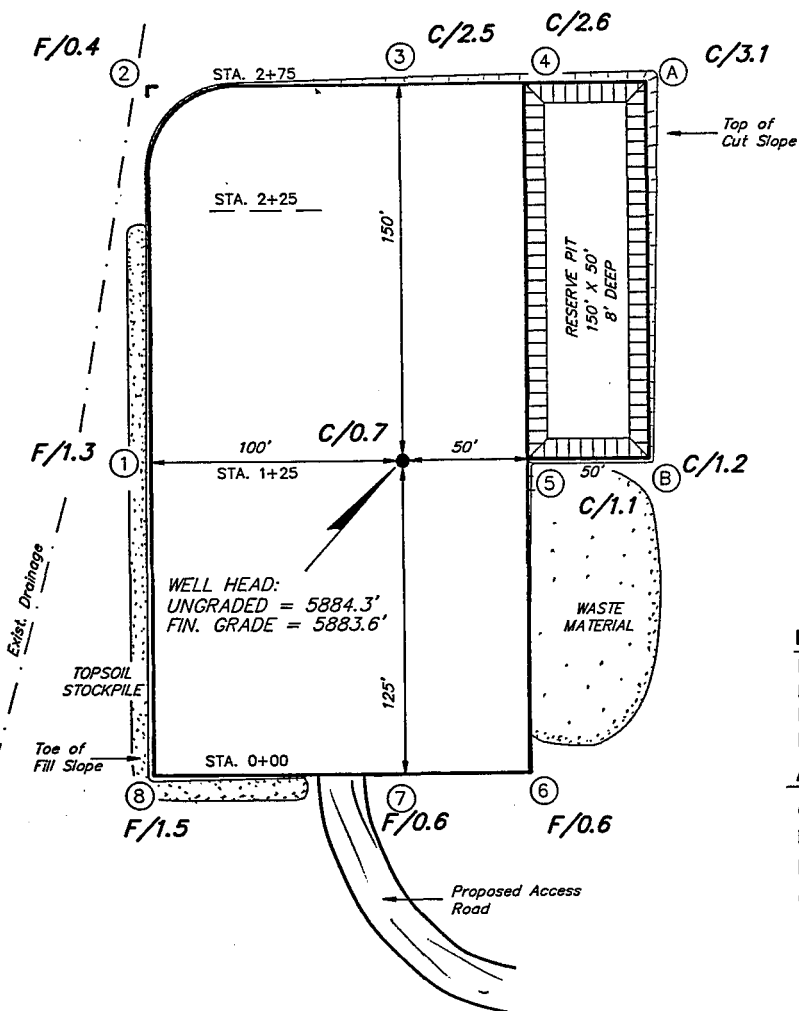
EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #31-18-9-16Y
SECTION 18, T9S, R16E, S.L.B.&M.

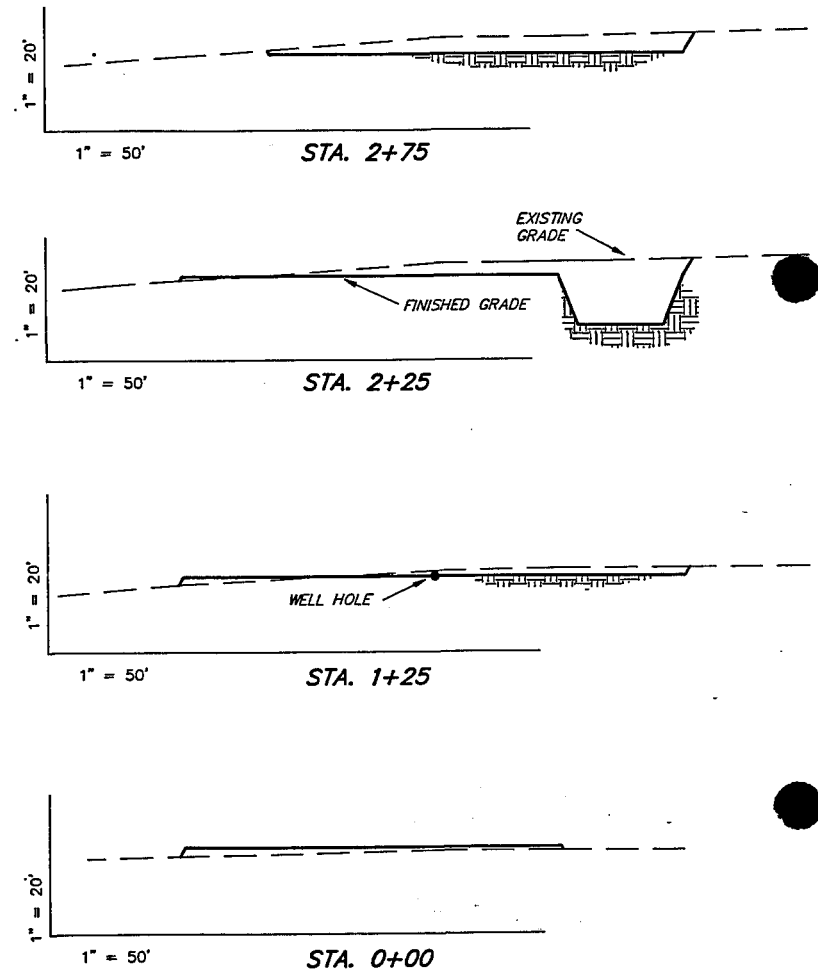


REFERENCE POINTS

RP 150 EAST 5880.6'
RP 200 EAST 5882.9'
RP 200 SOUTH 5886.7'
RP 250 SOUTH 5887.1'

APPROXIMATE YARDAGES

CUT = 930 Cu. Yds.
FILL = 930 Cu. Yds.
PIT = 1,770 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.



SURVEYED BY: G.S. D.S.

DRAWN BY: D.J.S.

DATE: 9-7-96

SCALE: 1" = 50'

FILE:

Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

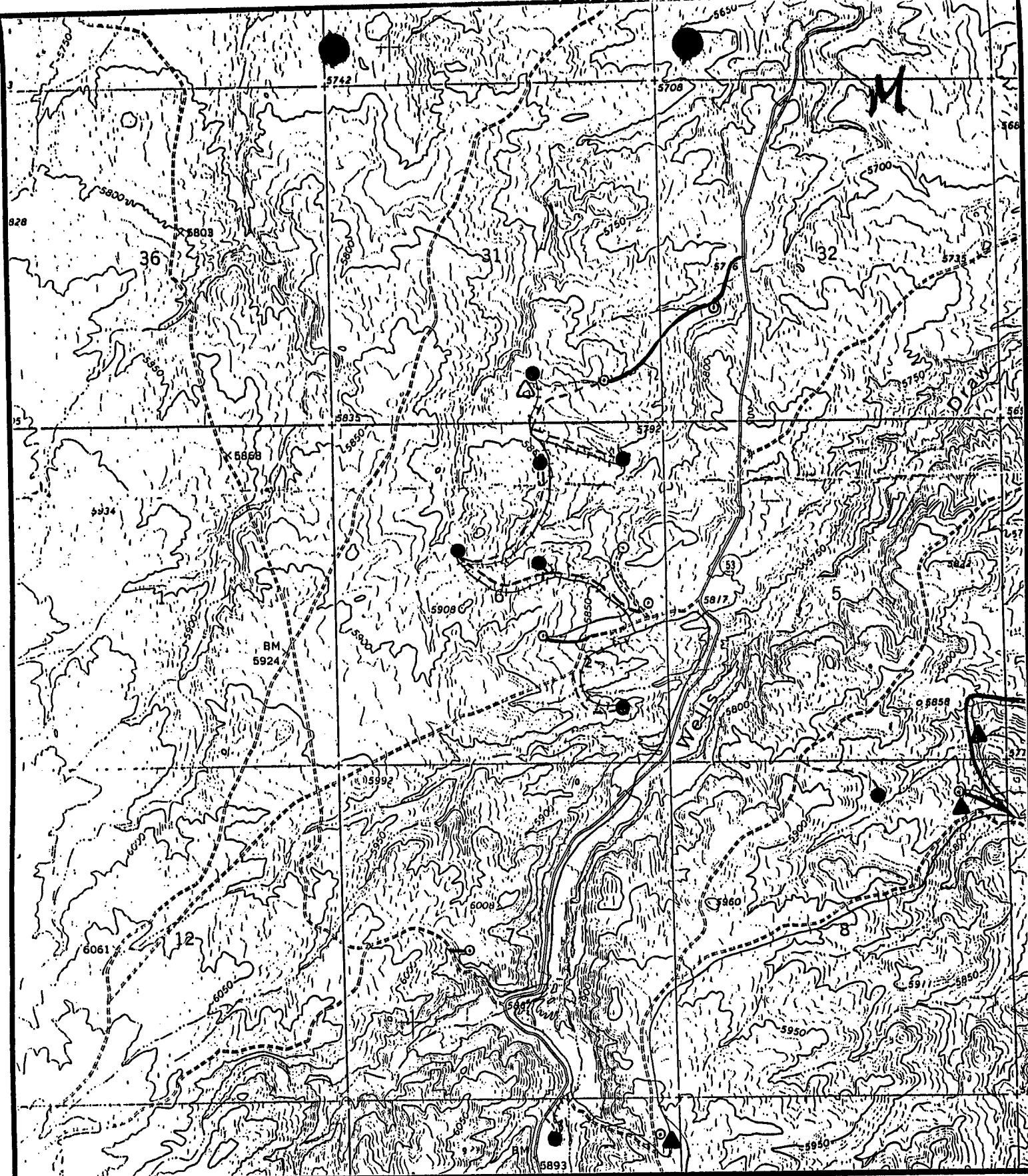
EXHIBIT M

APPLICATION FOR PIPELINE RIGHT-OF-WAY

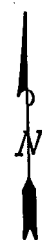
Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



- | | |
|------------------------------|--------------------------------|
| ▲ existing gas meter | ▲ proposed gas meter |
| ⊙ existing location | ● proposed location |
| — existing poly surface line | --- proposed poly surface line |
| — existing road | --- proposed road |



PROPOSED GAS GATHERING Section 6 T9S R16E



**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/96

API NO. ASSIGNED: 43-013-31725

WELL NAME: MONUMENT BUTTE 31-18-9-16Y
OPERATOR: EQUITABLE REAOURCES (N9890)

PROPOSED LOCATION:

NWNE 18 - T09S - R16E
SURFACE: 0648-FNL-1992-FEL
BOTTOM: 0648-FNL-1992-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: UTU - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 5547188)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number JOE SHIELDS)
☒ RDCC Review (Y/N)
(Date: _____)

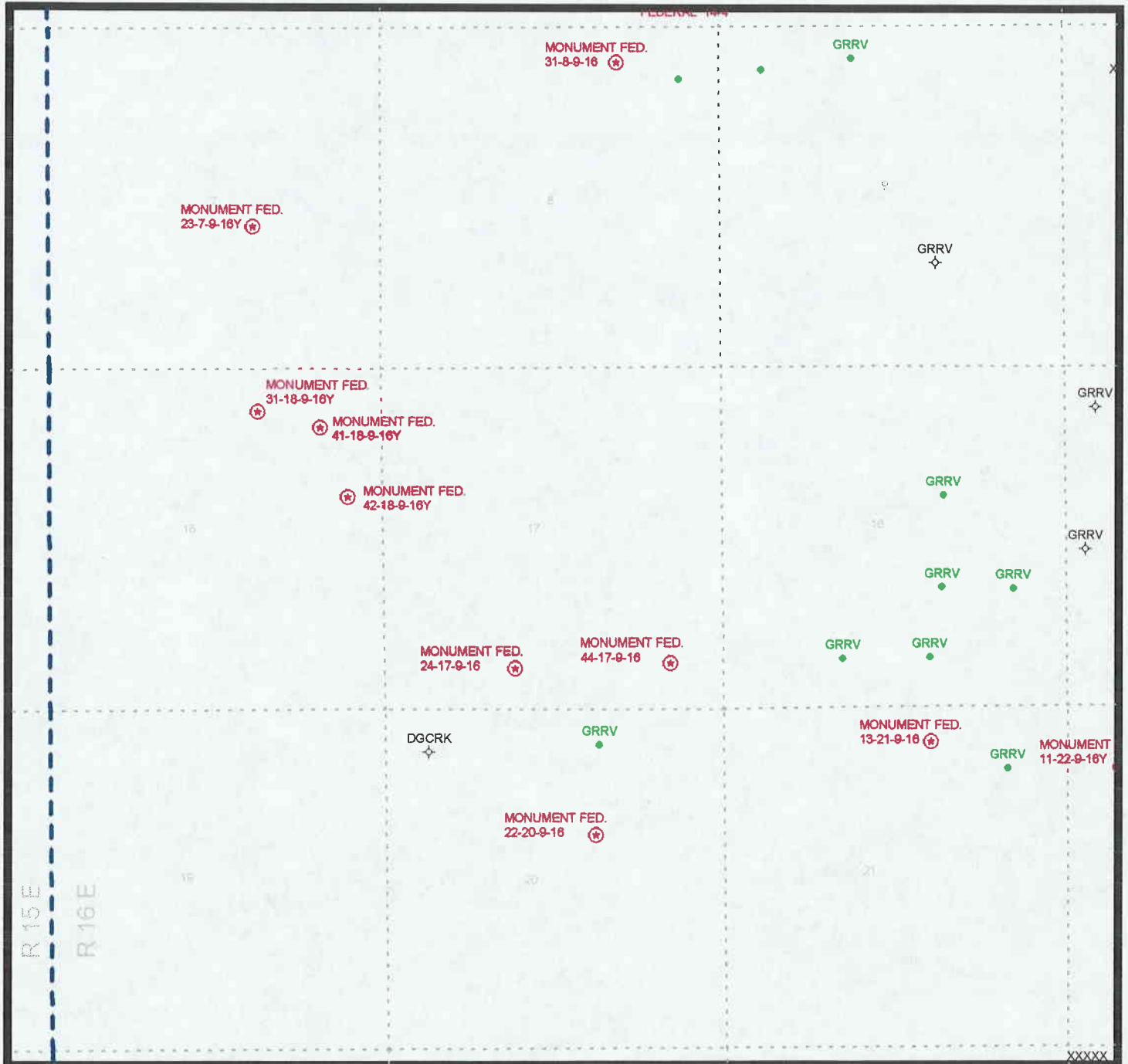
LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE (105)
SECTION: 18 & 21 T9S R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 30-SEPT-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MON FED 31-18-9-16Y
Project ID: 43-013-31725	Location: SEC. 18 - T9S - R16E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2297 psi
 Internal gradient (burst) : 0.079 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,000	5.500	15.50	K-55	ST&C	6,000	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2774	4040	1.456	2774	4810	1.73	93.00	222 2.39 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 11-20-1996
 Remarks :

GRRV

Minimum segment length for the 6,000 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 126°F (Surface 74°F , BHT 158°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,774 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

5. Lease Designation and Serial No.
See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

See attached listing

9. API Well No.

10. Field and Pool, or Exploratory Area
Monument Butte/Grn River

11. County or Parish, State

See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

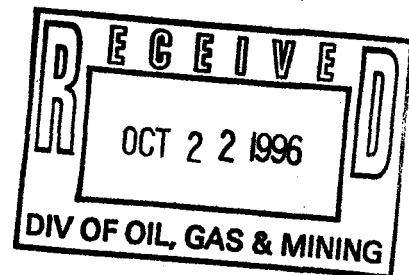
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other paleontology Reports
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Regulatory and
Environmental Specialist

Date October 21, 1996

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #31-18-9-16Y 43-013-31725

NW/NE SECTION 18, T9S, R16E, SLB&M

Duchesne County, Utah

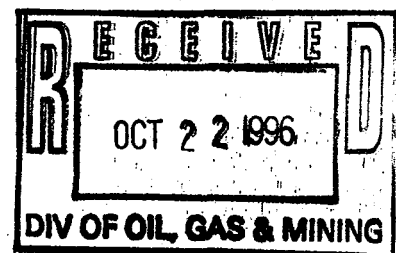
PALEONTOLOGY REPORT

WELLPAD LOCATION, ACCESS ROAD, & GAS LINE

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078

OCTOBER 15, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT
FEDERAL #31-18-9-16, NW/NE Section 18, T9S, R16E, S.L.B.&M, Duchesne Co.,
Utah.

Description of Geology and Topography-

This well location is 11 miles south and 5 miles west of Myton, Utah, in the bottom of Wells Draw. This well location sits on the flat alluvium of the canyon floor. There are no rock outcrops at the well location, access road, or gas line.

All rock outcrops in the surrounding area are of the Middle Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

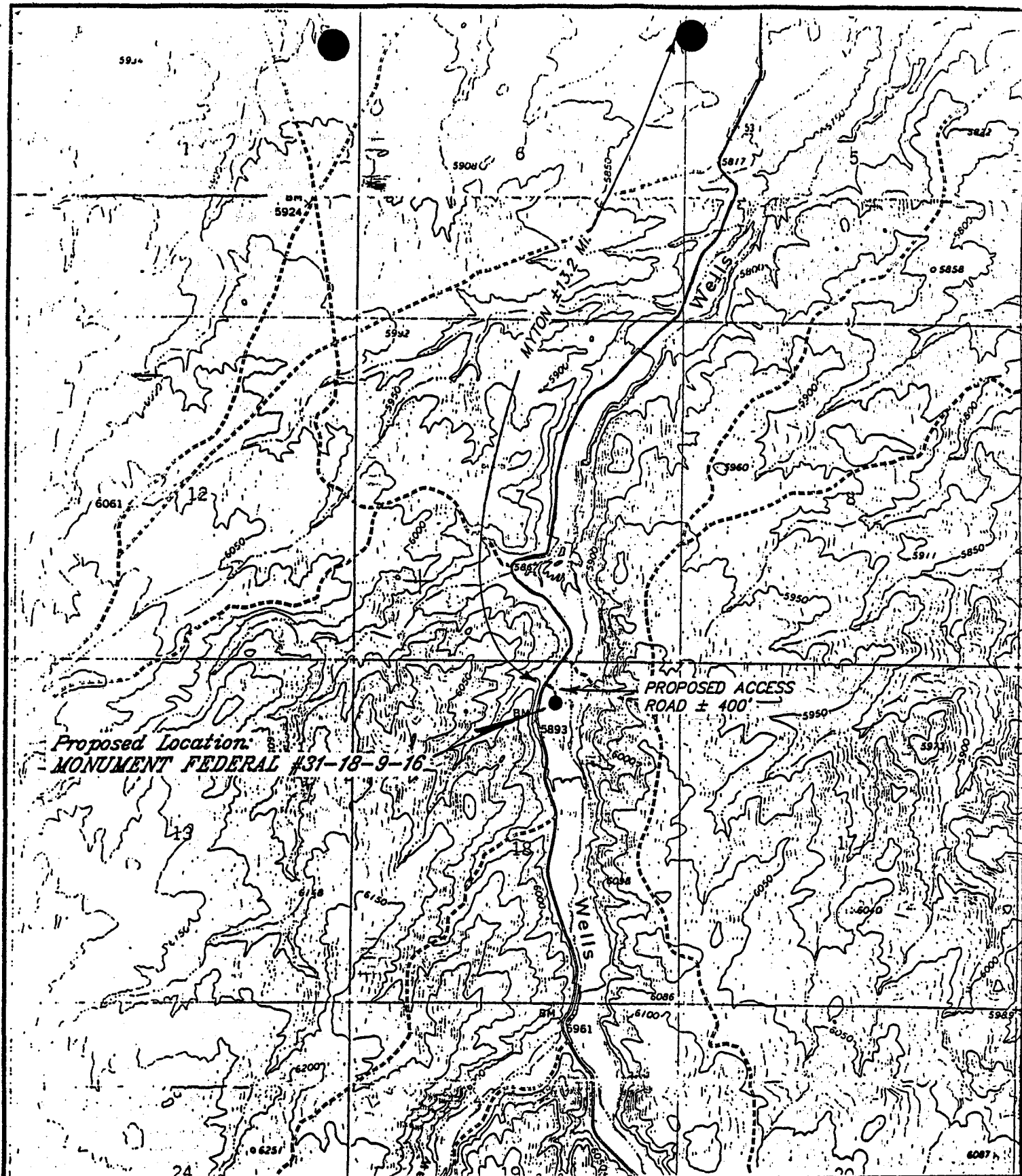
No fossils were found on the wellpad, road or gas line.

Recommendations-

No other recommendations are being made for paleontology at this location.

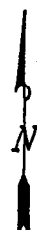
Alden H. Humble
Paleontologist

Date October 15, 1996



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-18-9-16
 SEC. 18, T9S, R16E, S.L.B.&M.
 TOPO "B"



SCALE: 1" = 2000'

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

**MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996**

1. (9) Monument Federal #31-18-9-16Y

NW NE Section 18, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

648' FNL, 1992' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5884.3' 6000'

2. (10) Monument Federal #42-18-9-16Y

SE NE Section 18, T9S, R16E

Duchesne County, UT

1980' FNL, 500' FEL PROPOSED FOOTAGES

2007' FNL, 388' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 6064.4' 5900'

3. (13) Monument Federal #31-21-9-16Y

~~NW NE~~ NW NE Section 21, T9S, R16E N W N E

Duchesne County, UT

550' FNL, 2100' FEL PROPOSED FOOTAGES

537' FNL, 2146' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5943.3' 5650'

4. (14) Monument Federal #21-22-9-16Y

NE NW Section 22, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FWL PROPOSED FOOTAGES

673' FNL, 2046' FWL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 64379

PTD: 6,500' (Green River formation)

GL: 5875.3' 5700'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

Monument Federal #22-6-9-16Y

SE NW Section 6, T9S, R16E

Duchesne County, UT

1980' FNL, 1980' FWL PROPOSED FOOTAGES

2011' FNL, 1869' FNL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5863.5' 6000'

Monument Federal #31-6-9-16Y

NW NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES

624' FNL, 1926' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5855.4' 6000'

Monument Federal #32-6-9-16Y

SW NE Section 6, T9S, R16E

Duchesne County, UT

2200' FNL, 1980' FEL PROPOSED FOOTAGES

2129' FNL, 1792' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5885.3' 6000'

Monument Federal #41-6-9-16Y

NE NE Section 6, T9S, R16E

Duchesne County, UT

660' FNL, 660' FEL PROPOSED FOOTAGES

560' FNL, 656' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5802.7' 6000'

Monument Federal #44-6-9-16Y

SE SE Section 6, T9S, R16E

Duchesne County, UT

800' FSL, 660' FEL PROPOSED FOOTAGES

816' FSL, 725' FEL ACTUAL FOOTAGES

Field: Monument Butte

FEDERAL LEASE #UTU- 74390

PTD: 6,500' (Green River formation)

GL: 5861.6' 5950'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

34-31
Monument Federal #31-32-8-16
SW SE Section 31, T8S, R16E
Duchesne County, UT
660' FSL, 1980' FEL PROPOSED FOOTAGES
5. 722' FSL, 1970' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 74389
PTD: 6,500' (Green River formation)
GL: 5832.6' - 6050'

7
6. Monument Federal #13-4-9-16
NW SW Section 4, T9S, R16E
Duchesne County, UT
2050' FSL, 660' FWL PROPOSED FOOTAGES
2050' FSL, 660' FNL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 73086
PTD: 6,500' (Green River formation)
GL: 5761.2' - 6000'

8
7. Monument Federal #31-8-9-16
NW NE Section 8, T9S, R16E
Duchesne County, UT
660' FNL, 1980' FEL PROPOSED FOOTAGES
520' FNL, 2076' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 20255
PTD: 6,500' (Green River formation)
GL: 5838' - 6000'

12
8. Monument Federal #33-10-9-16
NW SE Section 10, T9S, R16E
Duchesne County, UT
1980' FSL, 1980' FEL PROPOSED FOOTAGES
1980' FSL, 1980' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 72107
PTD: 6,500' (Green River formation)
GL: 5646.4' - 5800'

11
9. Monument Federal #43-10-9-16
NE SE Section 10, T9S, R16E
Duchesne County, UT
19800' FSL, 660' FEL PROPOSED FOOTAGES
1914' FSL, 722' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 72107
PTD: 6,500' (Green River formation)
GL: 5668.6' - 5800'



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 31-18-9-16Y Well, 648' FNL, 1992' FEL,
NW NE, Sec. 18, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31725.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 31-18-9-16Y
API Number: 43-013-31725
Lease: UTU-74390
Location: NW NE Sec. 18 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.
UTU-74390

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT AGREEMENT NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company			8. FARM OR LEASE NAME Monument Federal
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860			9. WELL NO. #31-18-9-16Y
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NW NE Section 18, T9S, R16E At proposed prod. zone 648' FNL, 1992' FEL			10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, Utah approximately 10 miles SW			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T9S, R16Y
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 6,000' - 5700'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5884.3'			22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE September 25, 1996
(This space for Federal or State office use)

PERMIT NO. 43-013-31725 APPROVAL DATE NOV 27 1996
APPROVED BY [Signature] TITLE ACTING Assistant Field Manager
CONDITIONS OF APPROVAL, IF ANY: Mineral Resources

CONDITIONS OF APPROVAL ATTACHED

114080-6M-221

*See Instructions On Reverse Side

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 31-18-9-16Y

API Number: 43-013-31725

Lease Number: U-74390

Location: NWNE Sec. 6 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 1399 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 1199 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

The existing silt dam located down drainage for the location shall be cleaned out.

A multi-cylinder engine is required if this is a producing well.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 31-18-9-16Y

Api No. 43-013-31725

Section 18 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED:

Date 2/13/97

Time

How ROTARY

Drilling will commence

Reported by D. INGRAM

Telephone #

Date: 2/13/97 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW NE Section 18, T9S, R16E
648' FNL, 1992' FEL

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5. Lease Designation and Serial No.
UTU-74390

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon. Fed. #31-18-9-16Y

9. API Well No.
43-013-31725

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. River

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other 1st production

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

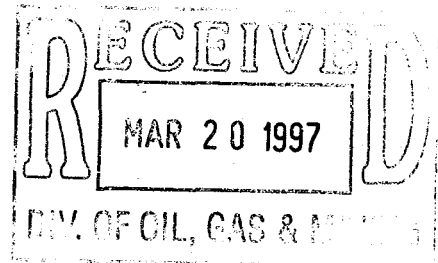
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well started pumping on 3/17/97.

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas, and Mining



ORIGINAL:
COPY:

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Title Regulatory and Environmental Specialist

Date March 18, 1997

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR Equitable Resources Energy OPERATOR ACCT. NO. N 98910
ADDRESS 11001 Lewis Ave
Billings MT 59102
(406) 239-7860ATTN: LEESA
THANKS

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					00	SE	TP	RG	COUNTY		
A	99999	12104	43-013-31205	MF 31-18-9-164	NAME	18	9S	16E	Duchesne	2-14-97	2-14-97
WELL 1 COMMENTS: This well spud on 2-14-97.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Molly Comad
Signature
Opn. Tech.
Title
4-14-97
Date
Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVEN. ☐ Other ☐

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 648' FNL & 1992' FEL

At top prod. interval reported below
At total depth

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14. PERMIT NO. 43-013-31725 DATE ISSUED 11-20-96

15. DATE SPUDDED 2-13-97 16. DATE T.D. REACHED 2-21-97 17. DATE COMPL. (Ready to prod.) 3-17-97 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5884.3' GL

20. TOTAL DEPTH, MD & TVD 5700' 21. PLUG, BACK T.D., MD & TVD 5627' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4056' - 4894' Green River

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR CNL HALS M4D LOG 2-23-97

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	259.75' KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5674.68' KB	7-7/8"	250 sxs Prem-Lite w/additives	None
				570 sxs 50/50 IOZ w/additives	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4995.27' KB	n/a

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4757' - 4759' (2 SPF)	4080' - 4086' (4 SPF)	4761' - 4767' (2 SPF)	4088' - 4096' (4 SPF)	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4824' - 4833' (2 SPF)	4098' - 4108' (4 SPF)	4873' - 4894' (2 SPF)	4056' - 4064' (4 SPF)	Please see attachment.	CONFIDENTIAL
					PERIOD
					EXPIRED
					ON 4-17-98

33. PRODUCTION							
DATE FIRST PRODUCTION 3-17-97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump				WELL STATUS (Producing or shut-in) Producing	

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-2-97	24	n/a		50	57.7	0	1.15 mcf/bbl
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a		50	57.7	0	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for fuel and sent to Monument Butte Gas Plant.

35. LIST OF ATTACHMENTS
Section 32 - Acid Shot Fracture and Cement Squeeze

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Comad TITLE Operations Technician DATE 4-24-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's run.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1537'	1537'
Horsebench SS	2110'	2110'
2nd Garden Gulch	3788'	3788'
Yellow Marker	4420'	4420'
Douglas Creek	4571'	4571'
2nd Douglas Creek	4799'	4799'
Greer Marker	4942'	4942'
Black Shale Facies	n/a	n/a
Carbonate Marker	5462'	5462'

**Attachment to Completion Report
Monument Federal #31-18-9-16Y
NW NE Section 18, T9S, R16E
Duchesne County, Utah**

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
4757' - 4767'	Break down with 2,226 gallons 2% KCL water.
4824' - 4833'	Break down with 2,394 gallons 2% KCL water.
4873' - 4894'	Break down with 2,520 gallons 2% KCL water.
4757' - 4894'	Fracture with 116,740# 16/30 mesh sand with 35,238 gallons 2% KCL gelled water.
4056' - 4108'	Break down with 4,158 gallons 2% KCL water. Fracture with 100,110# 16/30 mesh sand with 30,660 gallons 2% KCL gelled water.

/mc

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

648' FNL, 1992' FEL

PTD: 5700' Formation: Green River

Monument Butte Prospect

API #43-013-31725

Elevations: GL 5884.3"

Contractor: Union Drilling

Operator: EREC/Western Region

Spud: 02/13/97

Casing: 8-5/8", 24#, J55 @ 259.75' KB

5-1/2", 15.5#, J-55 @ 5674.68' KB

Tubing: 2-7/8", 6.5#, J-55 @ 4995.27' KB

02/14/97 TD: 200' (200') Day 1

Present Operation: Drilling 12-1/4" hole

Spud well @ 3:00 PM, 2-13-97. MIRU, set rat hole, drive 20" csg drill & set 14" conductor. Dig cellar & well conductor. Drill 200' of 17-1/2" and 12-1/4" hole w/air & foam.

DC: \$3,600

CC: \$3,600

02/15/97 TD: 583' (383') Day 2

Present Operation: Drilling 7-7/8" Hole

Drill 80' of 12-1/4" hole, TD @ 280'. Circulate hole, TOO, ND, run 8-5/8", J-55, 24# csg as follows:

Shoe	.90'
Shoe Jt	41.75'
Baffle Plate	0.00'
5 Jts Csg	207.10'
Total Csg Length	249.75'
Landing Jt	10.00'
Depth Landed	259.75' KB

Cement w/160 sxs "G" + 2% CaCl₂ + 1/4#/sx Cello Flake + 25 sxs "G" + 2% CaCl₂, top plug. WOC. Plug down @ 9:30 AM, 2-14-97. 4 bbls cement to pit. NU stack, pressure test well head and BOP stack. TIH, blow wtr, drill cement. Drill 303' of 7-7/8" hole w/air/foam.

DC: \$6,894

CC: \$10,494

02/16/97 TD: 1702' (1119') Day 3

Present Operation: Drilling 7-7/8" Hole

Drill 1119' of 7-7/8" hole. Ran 3 surveys, changed over from drill collars to drill pipe and service rig.

DC: \$20,142

CC: \$30,636

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

02/17/97 TD: 2765' (1063') Day 4
Present Operation: Drilling 7-7/8" Hole
Drill 1063' of 7-7/8" hole w/foam/air mixture. Ran 2 surveys and service rig.
DC: \$19,134 CC: \$49,770

02/18/97 TD: 3689' (924') Day 5
Present Operation: Drilling 7-7/8" Hole
Drill 924' of 7-7/8" hole w/air/foam. Ran 2 surveys and service rig.
DC: \$16,632 CC: \$66,402

02/19/97 TD: 4431' (742') Day 6
Present Operation: Drilling 7-7/8" hole
Drill 119' of 7-7/8" hole w/air foam, circulate hole. TOOH, blow kelly, drop survey, TIH, switch to fluid. Drill 523' of 7-7/8" hole w/fluid. Total footage drilled 742'.
DC: \$13,356 CC: \$79,758

02/20/97 TD: 5320' (889') Day 7
Present Operation: Drilling 7-7/8" Hole
The rig made 889' of 7-7/8" hole and ran 2 surveys.
DC: \$16,002 CC: \$95,760

02/21/97 TD: 5700' (380') Day 8
Present Operation: Running 5-1/2" Csg
Drill 380' of 7-7/8" hole, TD well @ 5700'. Circulate hole, TOOH, LD drill pipe & drill collars. Service rig. RU and log well, RU & run 5-1/2", J-55, 15.5# csg as follows:

Shoe	.90'
Shoe Joint	41.32'
Float Collar	1.10'
132 Jts 5-1/2" Csg	5621.36'
Total Csg Length	5664.68'
Landing Jt	10.00'
Depth Landed	5674.68' KB
PBTD	5631.36' KB

Cemented w/Lead = 250 sxs Prem Lite Plus + 10% Gel + 6#/sx BA-91 + .5% Sod metas + 2#/sx Kolseal + 1/4#/sx Cello Flake. Tail = 570 sxs 50/50 poz + 2% Gel + 1/4#/sx Cello Flake + 2#/sx Kolseal. Plug down @ 7:00 AM, release rig @ 11:00 AM, circulated 15 bbls cement to pit.
DC: \$6,840 CC: \$102,600

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

02/22/97 TD: 5700' (0') Day 9

Present Operation: Finish Running 5-2/3" csg.

Finished running 5664' of 5-1/2" csg. Set @ 5674', cemented w/ 820 axs by BJ Services. Plug down @ 8:00 AM. Release rig @ 12:00 PM. RDMO.

02/28/97 Completion

MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP. TIH w/4-3/4" bit, csg scrapper & 181 jts 2-7/8" tbg. Tag PBSD @ 5627' KB. Circulate hole clean w/140 bbls 2% KCL wtr. Pressure test csg & BOP to 1000 psi, OK. TOOH w/tbg & tools. SWIFN.

DC: \$6,632

CC: \$109,232

03/01/97 Completion

RU Cutter Wire Line To run CBL & perf. Run CBL from 5637' KB to 100' KB, w/1000 psi. TOC @ surface. Perf 4757' - 4759', 4761' - 4767', 4824' - 4833' & 4873' - 4894', 2SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 148 jts 2-7/8" tbg. Set BP @ 4813' KB, EOT @ 4748' KB, pkr @ 4740' KB. Shut well in until 3-3-97.

DC: \$6,481

CC: \$115,713

03/03/97 Completion

RU BJ Services and break down 4757' - 4759' & 4761' - 4767' w/2226 gals 2% KCL wtr. ATP = 2600 psi, ATR = 3.3 bpm, ISIP = 1800 psi. Used 53 bbls wtr. Release pkr, retrieve BP. Reset BP @ 4855' KB, EOT 4809', pkr 4802' KB. Break down 4824' - 4833' w/2394 gals 2% KCL wtr. ATP = 2200 psi, ATR = 3.5 bpm, ISIP = 1700 psi. Used 57 bbls wtr. Release pkr, retrieve BP. Reset BP @ 4932' KB, EOT @ 4862' KB, pkr @ 4855' KB. Break down 4873' - 4894' w/2520 gals 2% KCL wtr, ATP = 2600 psi, ATR = 5.1 bpm, ISIP = 1650 psi. Used 60 bbls wtr. Flow 50 bbls wtr. Release pkr, TOOH w/tbg, pkr & retrieving tool. Frac 4757' - 4759', 4761' - 4767', 4824' - 4833', 4873' - 4894' w/35,238 gals 2% KCL gelled wtr & 116,740 lbs 16/30 mesh sand. ATP = 2300 psi, ATR = 41 bpm, ISIP = 2250 psi, 5 min = 1720 psi, 10 min = 1670 psi, 15 min = 1610 psi, 30 min = 1560 psi. Used 839 bbls wtr. Start forced closure flow back, .7 bpm. Flow back 170 bbls wtr, 1% sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 153 jts 2-7/8" tbg. Tag sand @ 4764' KB. Circulate down to BP @ 4938' KB. Set pkr @ 4740' KB. SWIFD.

DC: \$43,628

CC: \$159,341

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

03/04/97 Completion

Well head froze, thawed well head. Made 35 Swab runs. Refer to Swab Report. Recovered 7 bbls oil, 165 bbls water, good gas, no sand last 15 runs. Oil 15% last 2 runs. Fluid level 2100' last 2 runs. SWIFD

DC: \$2,402

CC: \$161,743

03/05/97 Completion

Release pkr, tag sand at 4925' KB, circulate down to BP at 4,938' KB. Release BP. Reset BP at 4190' KB. TOOH w/tbg, pkr and retrieving tool.

RU cutter wire line & perf. 4056' - 64' 4-SPF

4080' - 86' 4-SPF

4088' - 96' 4-SPF

4098' - 4108' 4-SPF

TIH w/retrieving tool, 2 3/8" x 4' sub, HD pkr, 2 7/8" seat nipple and 134 jts. 2 7/8" tbg. Set pkr at 3,995' KB, EOT at 4003' KB. RU BJ Services & break down perfs noted above w/4158 gal 2% KCL water, 256 ball sealers with ball action being seen. ATP = 2100 psi; ATR = 6.6 bpm; ISIP = 1250.psi. Used 99 Bbls water. TOOH w/tbg, pkr & retrieving tool. SWIFD.

DC: \$7,057

CC: \$168,800

03/06/97 Completion

RU BJ Services and Frac 4056' - 4108'. Frac with 30,660 gal of 2% gelled KCL water, total sand volume 100,110 lbs w/16/30 sand. ATP = 1950 psi; ATR = 26.7 bpm; ISIP = 2100 psi. Start forced closure flow back, .5 bpm. Flow back 75 bbl water. 7% sand. SIWF 1 hr because of heavy sand returns. Restart flow back at .5 bpm. Flow back 120 bbl water, trace of sand. Total flow back 195 bbl water. TIH w/retrieving tool, 2 3/8" x 4' sub, HD pkr, 2 7/8" seat nipple & 129 jts tbg. Tag sand at 4018' KB. Circulate down to BP at 4190' KB.

Set pkr at 3995' KB. SWIFD.

DC: \$33,479

CC: \$202,279

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

03/07/97 Completion

Thaw well head. Made 30 swab runs. Recovered 4 bbls oil, 138 bbls wtr, trace of sand, good gas. Oil 5% last 4 runs. No sand last 5 runs. Fluid level 2200', last 2 runs. Release pkr, tag sand @ 4179' KB. Circulate down to BP @ 4190' KB. Release BP. TOOH w/tbg, pkr & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar 2-7/8"	.40'	4995.27'
1 - jt 2-7/8" EUE M-50 8rd 6.5#	29.35'	4994.87'
1 - Perf sub 2-7/8" x 4'	4.20'	4965.52'
1 - SN 2-7/8"	1.10'	4961.32'
31 - jts 2-7/8" EUE M-50 8rd 6.5#	965.18'	4960.22'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	3995.04'
128 - jts 2-7/8" EUE M-50 8rd 6.5#	3982.29'	3992.29'
KB	10.00'	

SWIFN.

DC: \$16,792

CC: \$219,071

03/08/97 Completion

ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/10" tension (13,000#). Flange up well head. TIH w/DHP & rod string as follows:

- 1 - DHP, 2-1/2 x 1-1/2 x 16 RHAC w/SM plunger (TRICO #1229)
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 1 - 1-1/2" x 25' K-Bar
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 196 - 3/4" x 25' D-61 Plain
- 1 - 3/4" x 6' Pony
- 1 - Polish rod 1-1/2" x 22' SM

Clamp rods off. Pressure test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.

DC: \$9,852

CC: \$228,923

03/17/97 Completion

Start well pumping. 6.0 SPM, 100" stroke.

DC: \$35,214

CC: \$264,137

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 18, T9S, R16E
648' FNL & 1992' FEL

5. Lease Designation and Serial No.
U-74390

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #31-18-9-16Y

9. API Well No.

43-013-31725

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

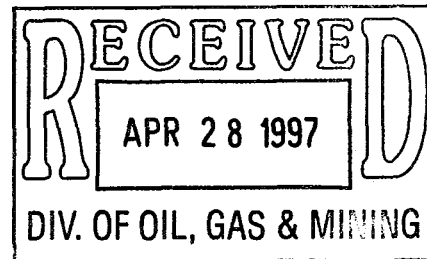
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, UT. A copy of the state-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another state-approved disposal facility. If applicable, the Operator has received approved Right-of-Way access to this well location from the Vernal Bureau of Land Management.



14. I hereby certify that the foregoing is true and correct

Signed

Molly Conrad

Title Operations Technician

Date 4-24-97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #31-18-9-16Y

9. API Well No.

43-013-31725

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 18, T9S, R16E

648' FNL & 1992' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Site Security Diagram

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

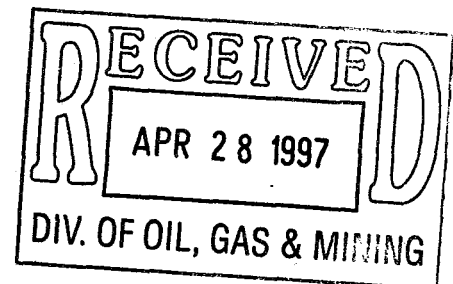
☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.



14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad

Title Operations Technician

Date 4-24-97

(This space for Federal or State office use)

Approved by _____

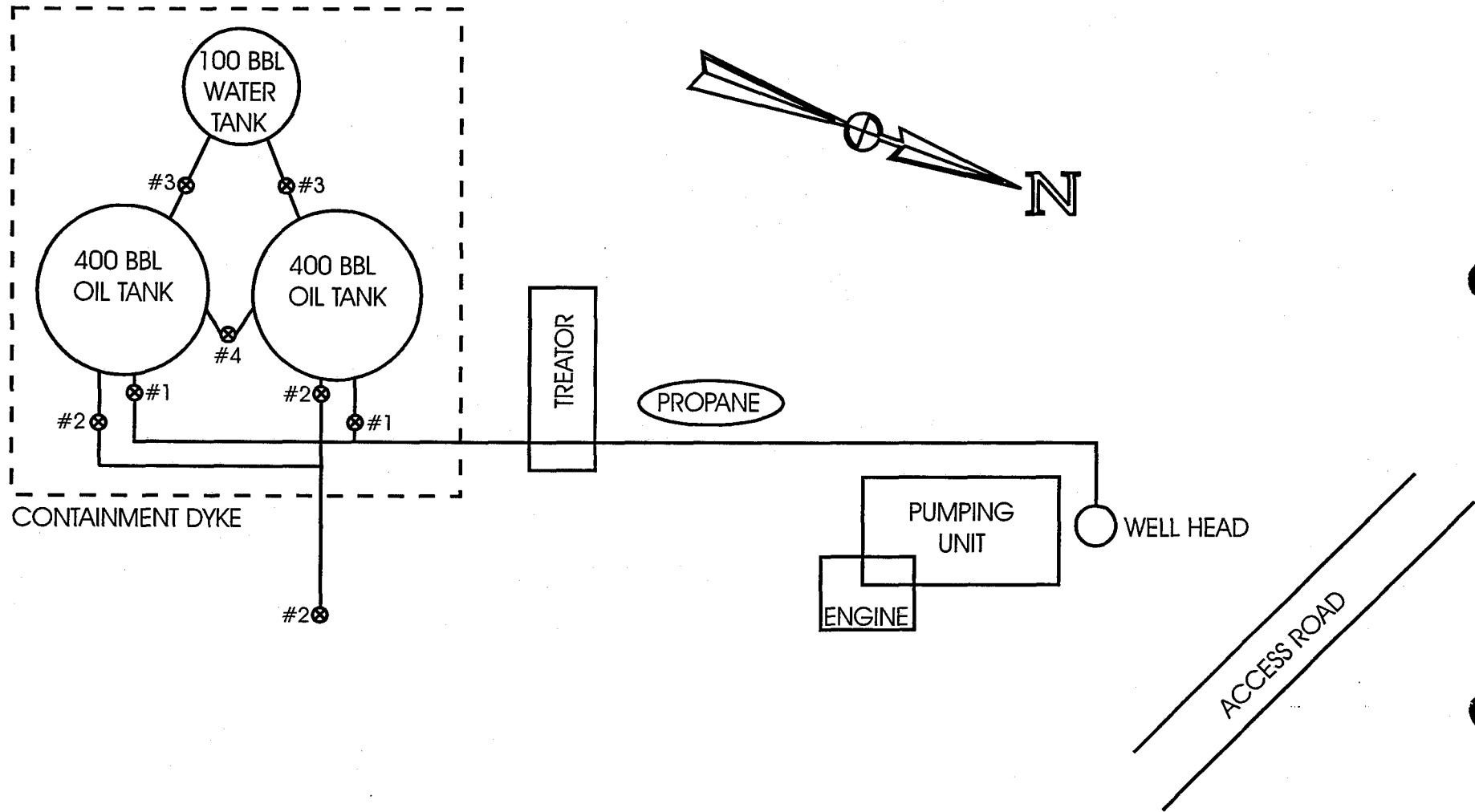
Title _____

Date _____

Conditions of approval, if any:

EQUITABLE RESOURCES ENERGY COMPANY
 MONUMENT FEDERAL 31-18-9-16Y
 PRODUCTION FACILITY DIAGRAM

MONUMENT FEDERAL 31-18-9-16Y
 NW NE SEC. 18, T9S, R16E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #U-74390



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED
VALVE #4	OPEN	CLOSED

DIAGRAM NOT TO SCALE



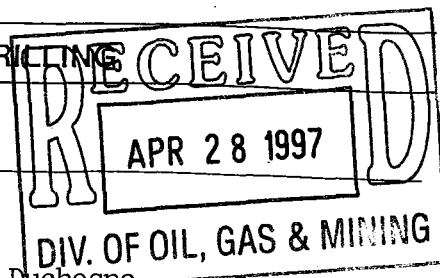
PLAN LOCATED AT:
**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

1601 Lewis Avenue
 Billings, MT 59102
 (406) 239-7860

APRIL 15, 1997

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument Federal #31-18-9-16YAPI number: 43-013-317252. Well Location: QQ NW NE Section 18 Township 9S Range 16E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhannon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 4-24-97Name & Signature: Molly Conrad*Molly Conrad*Title: Operations Technician

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 14 of 14

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890REPORT PERIOD (MONTH/YEAR): 9 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 34-31-8-16								
4301331715 12067 08S 16E 31			GRRV			KTU 74389		
MONUMENT FEDERAL 31-21-9-16Y								
4301331726 12080 09S 16E 21			GRRV			KTU 64379		
MONUMENT FEDERAL 33-10-9-16								
4301331722 12087 09S 16E 10			GRRV			KTU 72107		
MONUMENT STATE 11-36-8-17Y								
4304732764 12095 08S 17E 36			GRRV			ML 44305		
MONUMENT BUTTE FED 31-18-9-16Y								
4301331725 12104 09S 16E 18			GRRV			KTU 74390		
MONUMENT FEDERAL 42-18-9-16Y								
4301331724 12124 09S 16E 18			GRRV			4		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Signature: _____

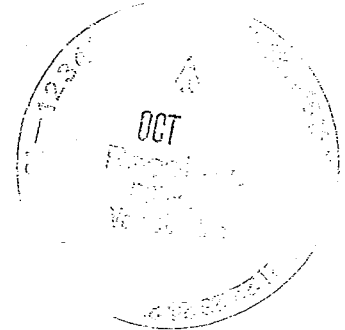
Telephone Number: _____



RECEIVED
OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

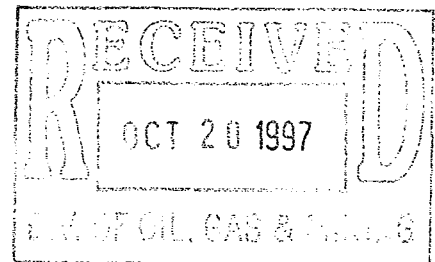
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

14. I hereby certify that the foregoing is true and correct

Signed

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

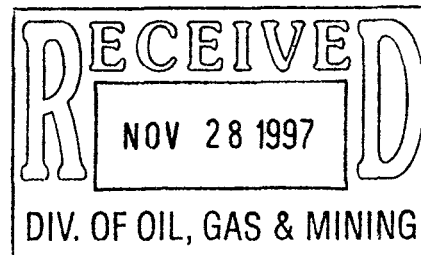
Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997



Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: ⁴³⁻⁰¹³⁻³¹⁷²⁵ Well No. Mon. Fed. 31-18-9-16Y
NWNE, Sec. 18, T9S, R16E
Lease U-74390
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc:  Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-REC	6-REC
2-GLF	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-IRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-613-31725</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 12-10-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (12-2-97)
- lec 6. Cardex file has been updated for each well listed above. (12-3-97)
- lec 7. Well file labels have been updated for each well listed above. (12-3-97)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-3-97)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JEC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A JEC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A DTJ 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 12/5/97 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 6.2.98 7.8.98

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971202 Blm/Venel Aprv. Nov. 10, 13 & 20, 1997.

WEST POINT UNIT WELL LISTING

AS OF 7/13/98

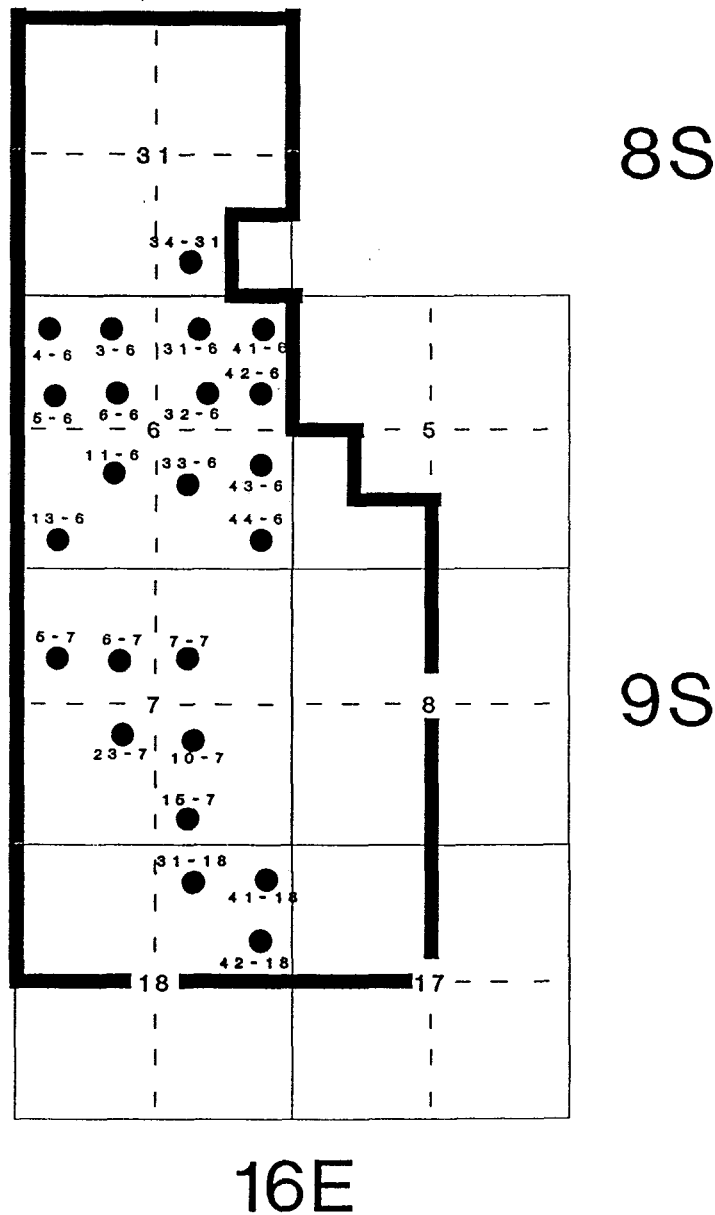
T. 8 & 9S, R. 16E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-06-09-16Y	PROD	4301331300	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331559	11933
6	WEST POINT UNIT	FED 44-06-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
* 18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	43013318110	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332200	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332204	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332201	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332202	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332203	12325
	WEST POINT UNIT	NINE MILE 14-6	P & A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98

WEST POINT (GREEN RIVER) UNIT Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY
ALLOCATION

FEDERAL 100%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WEST POINT (GR RVR)

8. Well Name and No.

MONUMENT BUTTE FED 31-18-9-16Y

9. API Well No.

43-013-31725

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0648 FNL 1992 FEL NW/NE Section 18, T09S R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

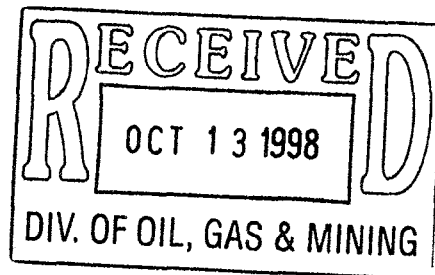
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

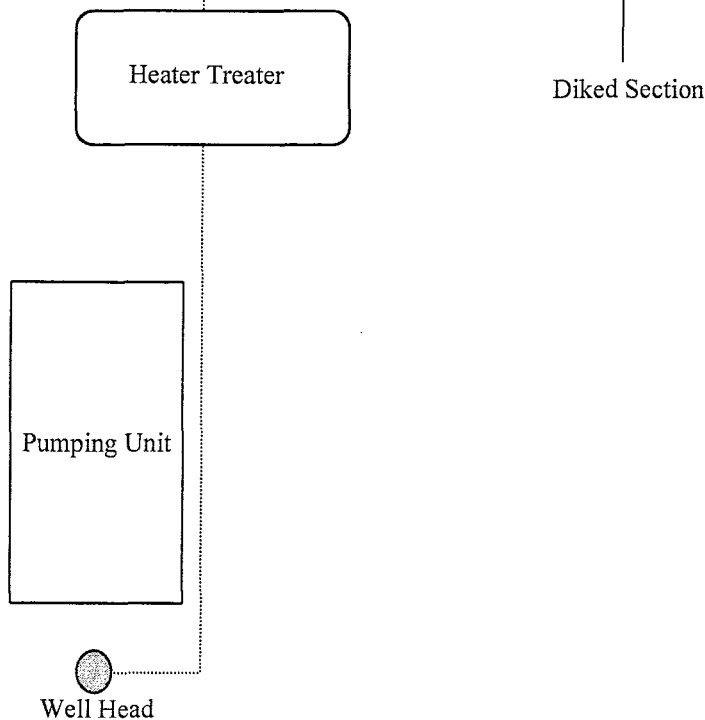
Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Sept. 17, 1998





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.**Unit:****WEST POINT (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



April 4, 2011

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Federal #31-18-9-16Y
Monument Butte Field, Lease #UTU-74390
Section 18-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Federal #31-18-9-16Y from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg
Regulatory Lead

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT FEDERAL #31-18-9-16Y
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74390
APRIL 4, 2011

RECEIVED
APR 11 2011
DIV. OF OIL, GAS & MINING


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ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT FEDERAL #31-18-9-16Y
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ATTACHMENT E-7	WELLBORE DIAGRAM – WEST POINT #3-18-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – WEST POINT #4-17-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – WEST POINT #14-7-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – NINE MILE #15-7-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – NINE MILE #16-7-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT FEDERAL #42-18-9-16Y
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT FEDERAL #41-18-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 2/28/97 – 3/17/97
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Monument Federal #31-18-9-16Y</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-74390</u>
Well Location: QQ <u>NWNE</u> section <u>18</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery? Yes [X] No []	
Disposal? Yes [] No [X]	
Storage? Yes [] No [X]	
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-31725</u>	
Proposed injection interval: from <u>3896</u> to <u>5627</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2074</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date: <u>4/5/11</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	

Comments:

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Spud Date: 02/13/97
 Put on Production: 3/17/97
 GL: 5884' KB: 5895'

Monument Federal 31-18-9-16

Initial Production: 50 BOPD,
 58 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (249.75')
 DEPTH LANDED: 260' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 185 sxs Class "G". Circulate 4 bbls. cement to surface.

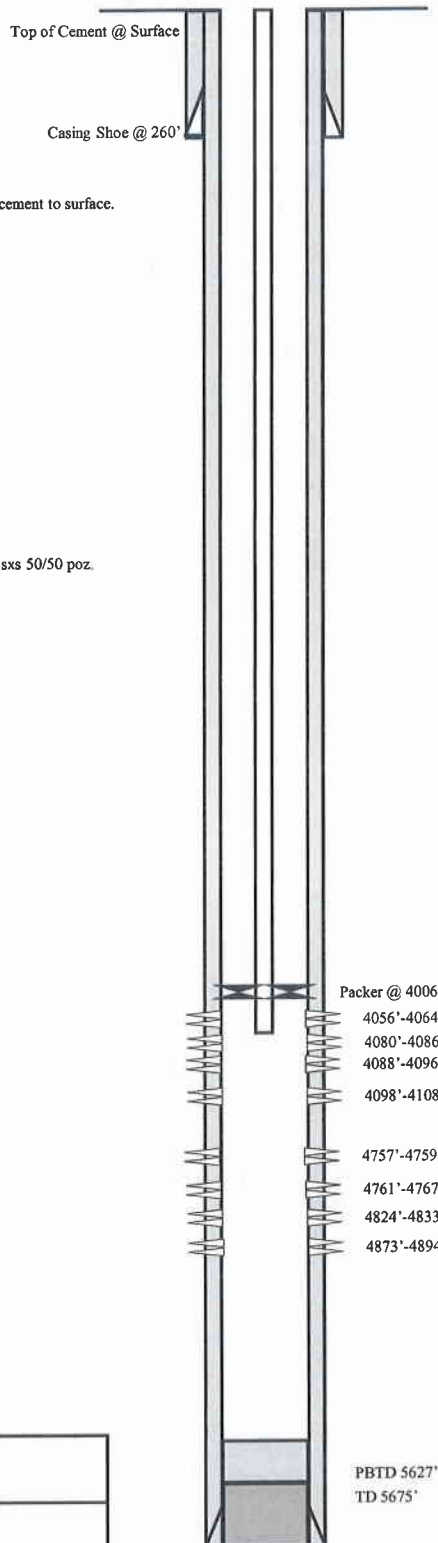
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5664.68')
 DEPTH LANDED: 5675' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Prem Lite Plus. Tail w/ 570 sxs 50/50 poz.
 Circulate 15 bbls. cement to surface.

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50
 NO. OF JOINTS: 159 jts (4947.47')
 TUBING ANCHOR: 4957.47'
 SN LANDED AT: 4960.27'
 NO. OF JOINTS: 1 jt (29.35')
 TOTAL STRING LENGTH: EOT @ 4991.17'

Proposed Injection Wellbore Diagram



FRAC JOB

3/03/97	4757'-4894'	Frac as follows: 116,740# 16/30 sand in 839 bbl 2% KCL frac fluid. Average treating press. 2300 psi @ 41 bpm. ISIP 2250 psi.
3/06/97	4056'-4108'	Frac as follows: 110,110# 16/30 sand in 730 bbl 2% KCL frac fluid. Average treating press. 1950 psi @ 26.7 bpm. ISIP 2100 psi.
8/28/00		Pump change. Update rod and tubing details.
11/9/05		Pump change. Update rod and tubing details.
8/17/07		Pump change. Update rod & tubing detail.

PERFORATION RECORD

3/01/96	4873'-4894'	2 JSPF	22 holes
3/01/96	4824'-4833'	2 JSPF	18 holes
3/01/96	4761'-4767'	2 JSPF	12 holes
3/01/96	4757'-4759'	2 JSPF	06 holes
3/05/96	4098'-4108'	4 JSPF	40 holes
3/05/96	4088'-4096'	4 JSPF	32 holes
3/05/96	4080'-4086'	4 JSPF	24 holes
3/05/96	4056'-4064'	4 JSPF	32 holes

NEWFIELD

Monument Federal 31-18-9-16

648' FNL & 1992' FEL

NWNE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31725; Lease #UTU-74390

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JL 3/22/11

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

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**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Monument Federal #31-18-9-16Y from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Monument Federal #31-18-9-16Y well, the proposed injection zone is from Garden Gulch to Castle Peak (3896' - 5627'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3586' and the TD is at 5675'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Monument Federal #31-18-9-16Y is on file with the Utah Division of Oil, Gas and Mining.

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- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74390) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

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**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 260' KB, and 5-1/2", 15.5# casing run from surface to 5675' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

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The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2074 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Federal #31-18-9-16Y, for existing perforations (4056' - 4894') calculates at 0.95 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2074 psig. We may add additional perforations between 3586' and 5675'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Federal #31-18-9-16Y, the proposed injection zone (3896' - 5627') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.

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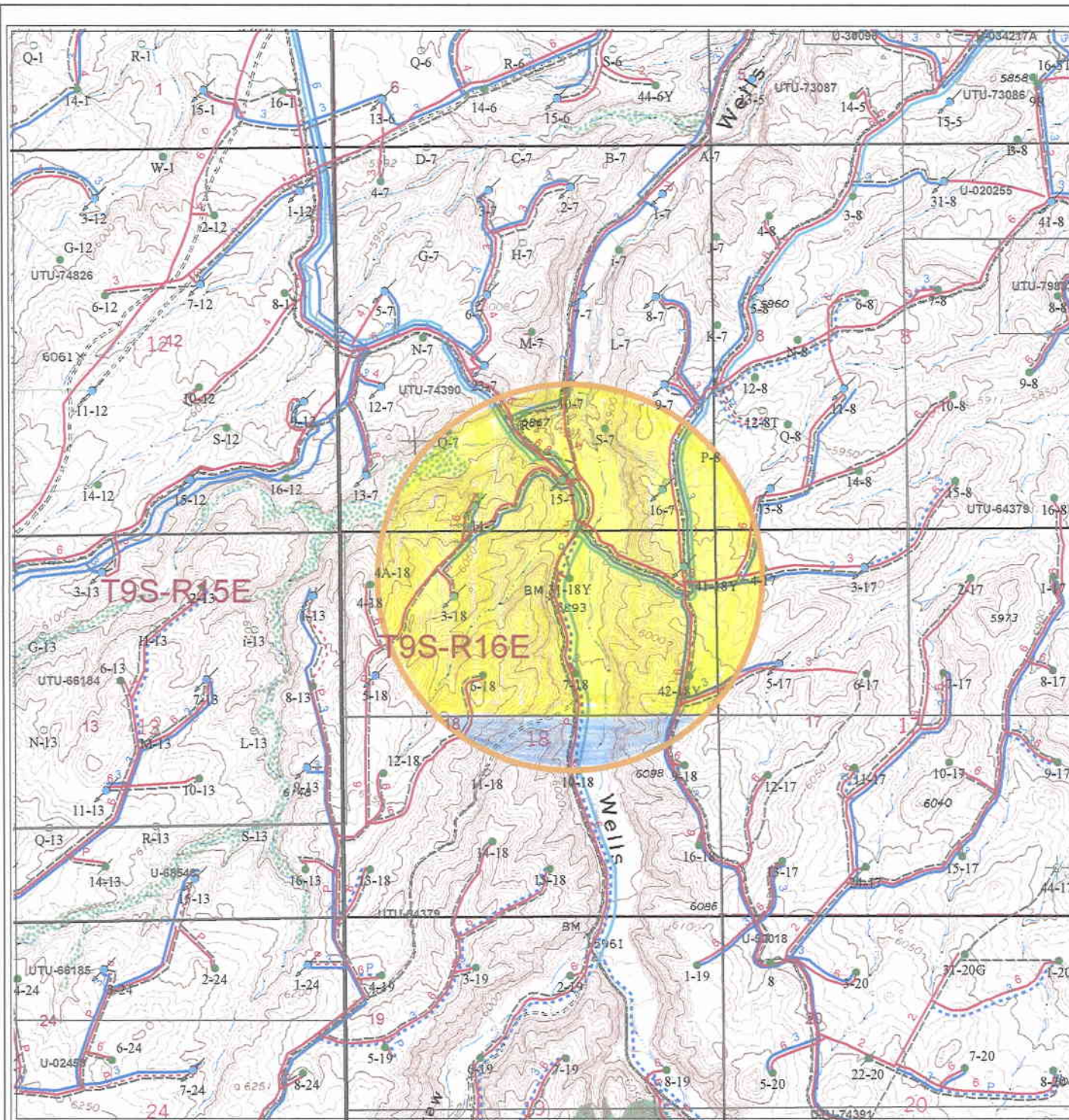
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UTU-74390
UTU-64379



Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In

Countyline
31_18y_9_16_Buffer

Injection system

- high pressure
- low pressure
- proposed
- return
- return proposed
- Leases
- Mining tracts
- Gas Pipelines
- Gathering lines
- Proposed lines

Monument Butte 31-18y
Section 18, T9S-R16E

NEWFIELD



ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map

Duchesne & Uintah Counties

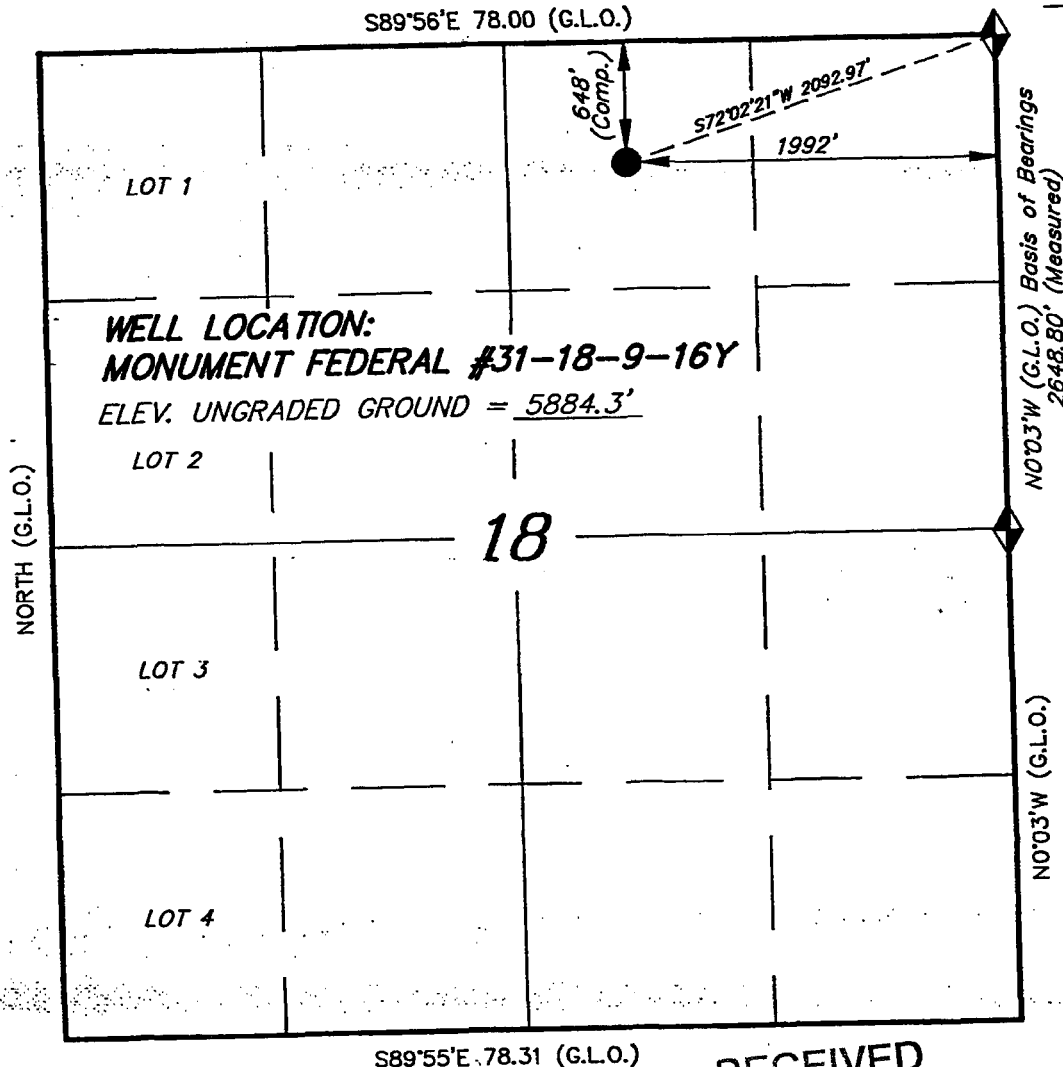
1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

January 17, 2011

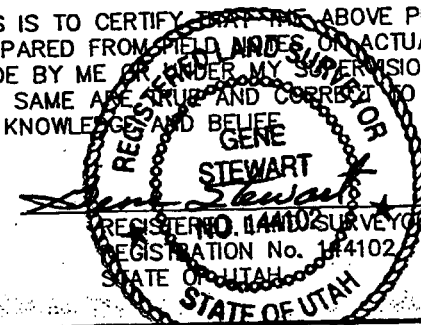
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
#31-18-9-16Y, LOCATED AS SHOWN IN THE
NW 1/4 NE 1/4 OF SECTION 18, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES, OR ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

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(MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 9-7-96

WEATHER: HOT

NOTES:

FILE #

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R16E SLM</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: Lots 1-2 (W2NW), E2NW, NE	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA
2	<u>T9S,R16E SLM</u> Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: Lots 3-4 (W2SW), E2SW, SE Section 19: Lots 1-2 (W2NW), E2NW, NE Section 21: N2 Section 22: NW, NWNE, S2NE	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA

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ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #31-18-9-16Y

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Eric Sundberg
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 5th day of April, 2011.

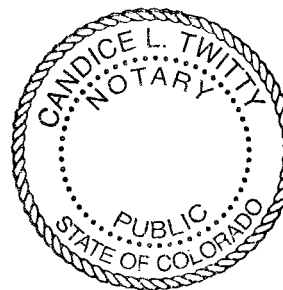
Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires

02/10/2013

My Commission Expires: _____



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Monument Federal 31-18-9-16

Spud Date: 02/13/97
 Put on Production: 3/17/97
 GL: 5884' KB: 5895'

Initial Production: 50 BOPD,
 58 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (249.75')
 DEPTH LANDED: 260' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 185 sxs Class "G". Circulate 4 bbls. cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5664.68')
 DEPTH LANDED: 5675' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Prem Lite Plus. Tail w/ 570 sxs 50/50 poz. Circulate 15 bbls. cement to surface.

TUBING

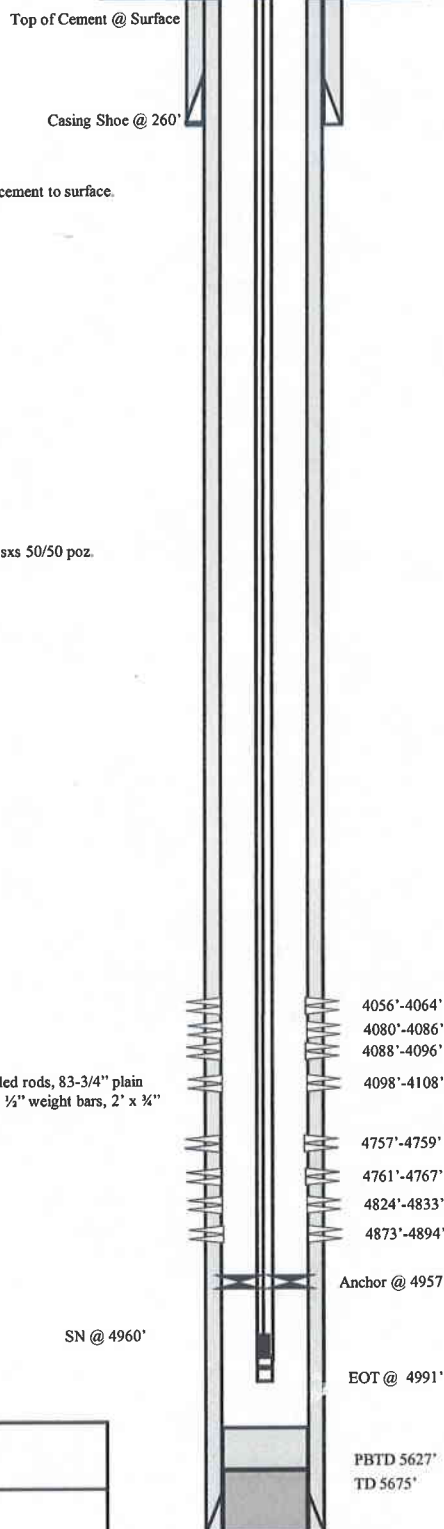
SIZE/GRADE/WT.: 2-7/8" / M-50
 NO. OF JOINTS: 159 jts (4947.47')
 TUBING ANCHOR: 4957.47'
 SN LANDED AT: 4960.27'
 NO. OF JOINTS: 1 jt (29.35')
 TOTAL STRING LENGTH: EOT @ 4991.17'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' Polished Rod
 SUCKER RODS: 4', 6', 6' x 3/4" pony rod, 90- 3/4" guided rods, 83-3/4" plain rods, 18- 3/4" guided rods, 2' x 3/4" guided pony rod, 6-1 1/2" weight bars, 2' x 3/4" guided pony rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 12'x15' RHAC
 STROKE LENGTH: 54"
 STROKES/MINUTE: 4 SPM

FRAC JOB

3/03/97 4757'-4894'" **Frac as follows:**
 116,740# 16/30 sand in 839 bbl 2% KCL frac fluid. Average treating press. 2300 psi @ 41 bpm. ISIP 2250 psi.
 3/06/97 4056'-4108'" **Frac as follows:**
 110,110# 16/30 sand in 730 bbl 2% KCL frac fluid. Average treating press. 1950 psi @ 26.7 bpm. ISIP 2100 psi.
 8/28/00 Pump change. Update rod and tubing details.
 11/9/05 Pump change. Update rod and tubing details.
 8/17/07 Pump change. Update rod & tubing detail.

PERFORATION RECORD

Date	Depth	Tool Joint	Holes
3/01/96	4873'-4894'	2 JSPF	22 holes
3/01/96	4824'-4833'	2 JSPF	18 holes
3/01/96	4761'-4767'	2 JSPF	12 holes
3/01/96	4757'-4759'	2 JSPF	06 holes
3/05/96	4098'-4108'	4 JSPF	40 holes
3/05/96	4088'-4096'	4 JSPF	32 holes
3/05/96	4080'-4086'	4 JSPF	24 holes
3/05/96	4056'-4064'	4 JSPF	32 holes

NEWFIELD

Monument Federal 31-18-9-16

648' FNL & 1992' FEL

NWNE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31725; Lease #UTU-74390

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DF 10/16/07

West Point Federal P-8-9-16

Spud Date: 9/1/2009
Put on Production: 10/6/2009
GI.: 5941' KB: 5953'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.31')
DEPTH LANDED: 322.16'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 139 jts. (6226.64')
HOLE SIZE: 7-7/8"
DEPTH LANDED: 6239.89'
CEMENT DATA: 230 sxs Prem. Lite II mixed & 352 sxs 50/50 POZ
CEMENT TOP AT: 52'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 182 jts (5741.5')
TUBING ANCHOR: 5753.5'
NO. OF JOINTS: 2 jts (62.2')
SEATING NIPPLE: 2-7/8" (1.1')
SN LANDED AT: 5818.5' KB
NO. OF JOINTS: 2 jts (63.1')
TOTAL STRING LENGTH: EOT @ 5883'

SUCKER RODS

POLISHED ROD: 1 1/8" x 26'
SUCKER RODS: 1-2' x 7/8" pony rods, 228 - 7/8" 8 per guided rods, 4 - 1 1/2" weight bars
PUMP SIZE: 2 1/2 x 1 1/4 x 20' x 24' RHAC
STROKE LENGTH: 122
PUMP SPEED: SPM 4

FRAC JOB

10-7-09	5766-5800'	Frac CP1 & CP2 sands as follows: Frac with 76198# 20/40 sand in 484 bbls Lightning 17 fluid
10-7-09	5346-5444'	Frac LODC sands as follows: Frac with 250561# 20/40 sand in 1539 bbls Lightning 17 fluid.
10-7-09	5209-5234'	Frac A1 & A.5 sands as follows: Frac with 19879# 20/40 sand in 161 bbls Lightning 17 fluid.
10-7-09	4985-5059'	Frac C & B.5 sands as follows: Frac with 60333# 20/40 sand in 367 bbls Lightning 17 fluid
10-7-09	4729-4834'	Frac DS3, D1, & DS2 sands as follows: Frac with 84986# 20/40 sand in 517 bbls Lightning 17 fluid.
10-7-09	4261-4368'	Frac GB6 & GB4 sands as follows: Frac with 28576# 20/40 sand in 319 total bbls of fluid including Lightning 17 fluid

PERFORATION RECORD

5796-5800'	3 JSPF	12 holes
5774-5777'	3 JSPF	9 holes
5766-5770'	3 JSPF	12 holes
5439-5444'	3 JSPF	15 holes
5423-5425'	3 JSPF	6 holes
5405-5407'	3 JSPF	6 holes
5376-5380'	3 JSPF	12 holes
5346-5349'	3 JSPF	9 holes
5231-5234'	3 JSPF	9 holes
5209-5213'	3 JSPF	12 holes
5057-5059'	3 JSPF	6 holes
5045-5049'	3 JSPF	12 holes
5038-5040'	3 JSPF	6 holes
4985-4989'	3 JSPF	12 holes
4830-4834'	3 JSPF	12 holes
4773-4778'	3 JSPF	15 holes
4729-4732'	3 JSPF	9 holes
4360-4368'	3 JSPF	24 holes
4261-4264'	3 JSPF	9 holes

Cement Top @ 52'

SN @ 5819'

EOT @ 5883'

PBTD @ 6141'

TD @ 6250'

NEWFIELD



West Point Federal P-8-9-16
2061' FSL & 578' FWL NWSW
Section 8-T9S-R16E
Duchesne Co, Utah
API # 43-013-33881; Lease # UTU-74390

West Point Fed #Q-7-9-16

Spud Date: 8/20/08
 Put on Production: 10/27/08
 GL: 5971' KB: 5983'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (324.65')
 DEPTH LANDED: 334.65'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx/ Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 162 jts (6450.06')
 DEPTH LANDED: 6306'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 375 sx of Premlite & 450sx of 50/50 poz
 CEMENT TOP AT: 30'

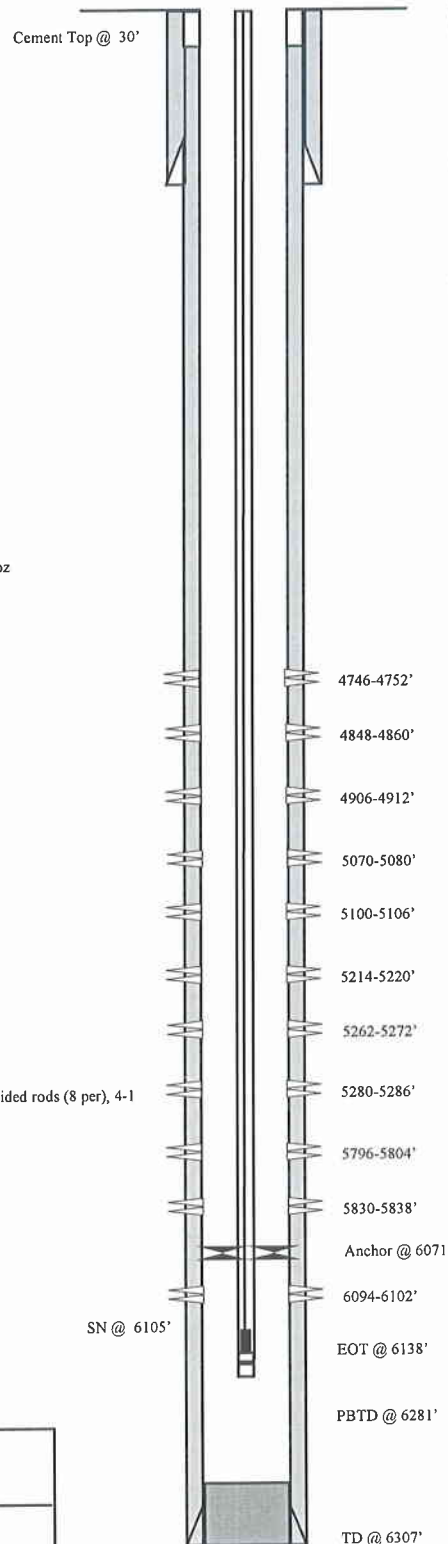
TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 197 jts (6059.36')
 TUBING ANCHOR: 6071.36' KB
 NO. OF JOINTS: 1 jt (30.86')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 6105.02' KB
 NO. OF JOINTS: 1 jts (31.02')
 TOTAL STRING LENGTH: EOT @ 6137.59'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1-2', 1-6' x 7/8" pony subs, 239-7/8" guided rods (8 per), 4-1 1/2" wt bars.
 PUMP SIZE: 2 1/2" x 1 3/4" x 24.5' RHAC "CDI"
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 5

Wellbore Diagram

FRAC JOB

10/20/08	6094-6102'	Frac CP5 sds as follows: Frac w/25,026# 20/40 sand in 379 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2369 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2269 psi. Actual flush: 5586 gals.
10/20/08	5796-5804'	Frac CP1 & CP2 sds as follows: Frac w/35,537# 20/40 sand in 401 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1922 psi. Actual flush: 5292 gals.
10/20/08	5214-5220'	Frac A.5 & A1 sds as follows: Frac w/48,211# 20/40 sand in 466 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1824 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2055 psi. Actual flush: 4708 gals.
10/20/08	5070-5080'	Frac B.5 & B1 sds as follows: Frac w/40,332# 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1978 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1997 psi. Actual flush: 4565 gals.
10/20/08	4848-4860'	Frac D1 & D2 sds as follows: Frac w/39,103# 20/40 sand in 409 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1926 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2055 psi. Actual flush: 4343 gals.
10/20/08	4746-4752'	Frac DS2 sds as follows: Frac w/26,838# 20/40 sand in 373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2189 psi @ ave rate of 23.2 BPM. ISIP 2164 psi. Actual flush: 4704 gals.

PERFORATION RECORD

10/20/08	4746-4752'	4 JSPF	24 holes
10/20/08	4848-4860'	4 JSPF	48 holes
10/20/08	4906-4912'	4 JSPF	24 holes
10/20/08	5070-5080'	4 JSPF	40 holes
10/20/08	5100-5106'	4 JSPF	24 holes
10/20/08	5214-5220'	4 JSPF	24 holes
10/20/08	5262-5272'	4 JSPF	40 holes
10/20/08	5280-5286'	4 JSPF	24 holes
10/20/08	5796-5804'	4 JSPF	32 holes
10/20/08	5830-5838'	4 JSPF	32 holes
10/20/08	6094-6102'	4 JSPF	32 holes

NEWFIELD

West Point Fed #Q-7-9-16
 780' FSL & 403' FWL
 SW/SW Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33983; Lease #UTU- 74390

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TL 11/10/08

DIV. OF OIL, GAS & MINING

West Point Fed #R-7-9-16

Spud Date: 9/18/2008
 Put on Production: 10/30/08
 GL: 5991' KB: 6003'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (320.79')
 DEPTH LANDED: 330.79'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class G cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: jts
 DEPTH LANDED: 6332'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx Premite II and 475 sx 50/50 Poz
 CEMENT TOP AT: 60'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 188 jts (5827.2')
 TUBING ANCHOR: 5829.10' KB
 NO. OF JOINTS: 1 jt (32.9')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5863' KB
 NO. OF JOINTS: 2 jts (61.80')
 TOTAL STRING LENGTH: EOT @ 5926'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 230-7/8" guided rods (8 per), 4- 1 1/2" sinker bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 17' x 20' x 17' RHAC "CDI"
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 5

FRAC JOB

10/23/08 5858-5864' Frac CP2 sds as follows:
 25,074# 20/40 sand in 374 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2210 psi @ ave rate of 23.4 BPM. ISIP 2192 psi. Actual flush:
 5351 gals.

10/23/08 5556-5570' Frac LODC1 sds as follows:
 60,708# 20/40 sand in 526 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2417 psi @ ave rate of 23.5 BPM. ISIP 2435 psi. Actual flush:
 5048 gals.

10/23/08 5430-5436' Frac LODC2 sds as follows:
 29,466# 20/40 sand in 403 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2235 psi @ ave rate of 23.5 BPM. ISIP 2278 psi. Actual flush:
 4922 gals.

10/23/08 5294-5314' Frac A1 sds as follows:
 40,610# 20/40 sand in 418 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2417 psi @ ave rate of 23.4 BPM. ISIP 2464 psi. Actual flush:
 4788 gals.

10/23/08 5164-5182' Frac B2 sds as follows:
 40,370# 20/40 sand in 408 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2157 psi @ ave rate of 23.5 BPM. ISIP 2272 psi. Actual flush:
 4658 gals.

10/23/08 4950-4958' Frac D2 sds as follows:
 24,846# 20/40 sand in 350 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2339 psi @ ave rate of 23.4 BPM. ISIP 2136 psi. Actual flush:
 4444 gals.

4784-4792' 10/23/08 Frac DS2 sds as follows:
 35,449# 20/40 sand in 368 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 2456 psi @ ave rate of 23.4 BPM. ISIP 2504 psi. Actual flush:
 4280 gals.

10/24/08 10/24/08 Frac GB2, GB4, GB6 sds as follows:
 101,148# 20/40 sand in 718 bbls of Lightning 17 fluid. Treated w/ ave
 pressure of 1837 psi @ ave rate of 23.5 BPM. ISIP 2253 psi. Actual flush:
 4200 gals.

5/28/09 Parted Rods. Updated rod & tubing details.
 11/19/09 Tubing Leak. Updated rod & tubing details.
 11/19/10 Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

10/23/08	4288-4298'	4 JSPF	40 holes
10/23/08	4330-4336'	4 JSPF	24 holes
10/23/08	4340-4348'	4 JSPF	32 holes
10/23/08	4356-4360'	4 JSPF	16 holes
10/23/08	4372-4378'	4 JSPF	24 holes
10/23/08	4412-4418'	4 JSPF	24 holes
10/23/08	4784-4792'	4 JSPF	32 holes
10/23/08	4950-4958'	4 JSPF	32 holes
10/23/08	5164-5182'	4 JSPF	72 holes
10/23/08	5294-5314'	4 JSPF	80 holes
10/23/08	5430-5436'	4 JSPF	24 holes
10/23/08	5444-5456'	4 JSPF	48 holes
10/23/08	5556-5570'	4 JSPF	56 holes
10/23/08	5626-5636'	4 JSPF	40 holes
10/23/08	5858-5864'	4 JSPF	24 holes



West Point Fed #R-7-9-16
 484' FSL & 1941' FWL
 SE/SW Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33974; Lease #UTU-74390

West Point Fed #S-7-9-16

Spud Date: 7-4-08
 Put on Production: 8-7-08
 GL:6001 KB:6013

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.16')
 DEPTH LANDED: 323.01'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts (6288.46)
 DEPTH LANDED: 6301.71'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Premlite II and 465 sx 50/50 Poz
 CEMENT TOP AT: 20'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 185 jts (5811.63')
 TUBING ANCHOR: 5823.63' KB
 NO. OF JOINTS: 1 jt (31.43')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5857.86' KB
 NO. OF JOINTS: 2 jts (62.87')
 TOTAL STRING LENGTH: EOT @ 5922.28

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 230-7/8" guided rods (8 per), 4- 1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 16'x 20' RHAC rod pump- CDI
 STROKE LENGTH: 122"
 PUMP SPEED, SPM: 4.5

FRAC JOB

7/30/08 5802-5812' **Frac CP1 & CP2 sds as follows:**
 34,753# 20/40 sand in 493 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1682 psi w/ ave rate of 23.2 BPM. ISIP 1995 psi. Actual flush: 5300 gals.

7/30/08 5482-5516' **Frac LODC sds as follows:**
 151,032# 20/40 sand in 1075 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi w/ ave rate of 23.2 BPM. ISIP 2650 psi. Actual flush: 5523 gals.

7/31/08 5280-5294' **Frac A.5 sds as follows:**
 70,799# 20/40 sand in 624 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2040 psi w/ ave rate of 23.2 BPM. ISIP 2662 psi. Actual flush: 4771 gals.

7/31/08 4880-4890' **Frac D1 sds as follows:**
 49,694# 20/40 sand in 476 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1666 psi w/ ave rate of 23.2 BPM. ISIP 1962 psi. Actual flush: 4368 gals.

7/31/08 4608-4618' **Frac PB10 sds as follows:**
 40,228# 20/40 sand in 425 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1970 psi w/ ave rate of 23.2 BPM. ISIP 2125 psi. Actual flush: 4095 gals.

7/31/08 4372-4380' **Frac GB4 & GB6 sds as follows:**
 52,889# 20/40 sand in 442 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.2 BPM. ISIP 2193 psi. Actual flush: 799 gals.

SN @ 5858'

EOT @ 5922'

Shoe @ 6302'

PBTD @ 6258'

TD @ 6350'

PERFORATION RECORD

5/22/08	4350-4358'	4 JSPF	32 holes
5/22/08	4372-4380'	4 JSPF	32 holes
5/22/08	4608-4618'	4 JSPF	40 holes
5/21/08	4880-4890'	4 JSPF	40 holes
5/21/08	5280-5294'	4 JSPF	56 holes
5/21/08	5482-5516'	4 JSPF	136 holes
5/22/08	5802-5812'	4 JSPF	40 holes
5/22/08	5834-5844'	4 JSPF	40 holes

NEWFIELD

West Point Fed #S-7-9-16
 672' FSL & 641' FEL
 SE/SE Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33927; Lease #UTU-74390

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TW 03/13/09

DIV. OF OIL, GAS & MINING

WEST POINT FED. 6-18-9-16

Spud Date: 10/11/2007
 Put on Production: 11/21/2007
 GL: 6084' KB: 6096'

Initial Production: BOPD,
 MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (307.26')
 DEPTH LANDED: 319'
 HOLE SIZE: 12 1/4'
 CEMENT DATA: To Surface w/160 sx class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH:
 DEPTH LANDED: 6007'
 HOLE SIZE: 7 7/8'
 CEMENT DATA: 300 sx primlite II and 400 sx 50/50 poz
 CEMENT TOP: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 179 jts (5633.16')
 TUBING ANCHOR: 5645.16' KB
 NO. OF JOINTS: 2 jts (63.02')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5710.98' KB
 NO. OF JOINTS: 2 jts (62.98')
 TOTAL STRING LENGTH: EOT @ 5775.51' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 100-3/4" scraped rods, 102-3/4" plain rods, 20-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" X 20" RHAC pump w/SM plunger
 STROKE LENGTH: 123"
 PUMP SPEED, SPM: 5

FRAC JOB

11/13/07 5663-5692' Frac CPl sds w/ 130,809#'s of 20/40 sand in 968 bbls of Lightning 17 fluid. Broke @ 1459 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1872 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2168 psi. Calc Flush: ? Actual Flush: 5153 gals.

11/14/07 5272-5282' Frac A3 sds w/ 34,743#'s of 20/40 sand in 417 bbls of Lightning 17 fluid. Broke @ 3550 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1937 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2347 psi. Calc Flush: ? Actual Flush: 4767 gals.

11/14/07 4974-4986' Frac B.5 sds w/ 80,129#'s of 20/40 sand in 625 bbls of Lightning 17 fluid. Broke @ 3658 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1721 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1899 psi. Calc Flush: ? Actual Flush: 4553 gals.

11/14/07 4913-4924' Frac C sds w/ 40,150#'s of 20/40 sand in 408 bbls of Lightning 17 fluid. Broke @ 1850 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2084 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2483 psi. Calc Flush: ? Actual Flush: 4368 gals.

11/14/07 4226-4250' Frac GB4 sds w/ 124,267#'s of 20/40 sand in 914 bbls of Lightning 17 fluid. Broke @ 1250 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1676 psi @ ave rate of 24.8 BPM. ISIP 1895 psi. Calc Flush: ? Actual Flush: 4158 gals.


PERFORATION RECORD

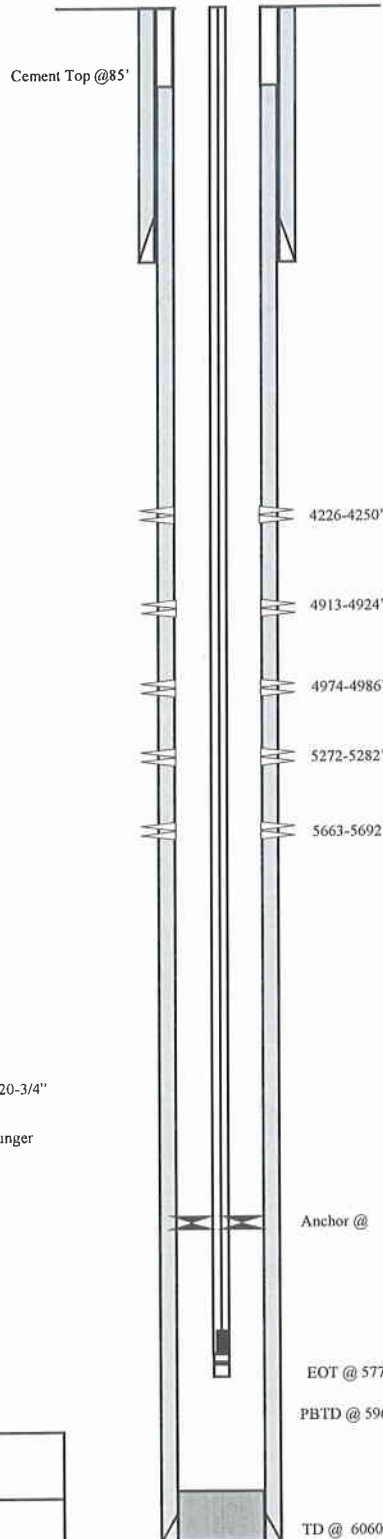
11/08/07	5663-5692'	4 JSPF	116 holes
11/13/07	5272-5282'	4 JSPF	40 holes
11/14/07	4974-4986'	4 JSPF	48 holes
11/14/07	4913-4924'	4 JSPF	44 holes
11/14/07	4226-4250'	4 JSPF	96 holes

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DIV. OF OIL, GAS & MINING

 WEST POINT FED. 6-18-9-16 1962'FNL & 1941' FEL SE/NW Section 18-T9S-R16E Duchesne Co, Utah API #43-013-32997; Lease # UTU-74390



WEST POINT FED. 7-18-9-16

Spud Date: 05/22/07
Put on Production: 06/29/07

GL: 5902' KB: 5914'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.52')
DEPTH LANDED: 318.37' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 136 jts. (5935.87')
DEPTH LANDED: 5949.12' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 41'

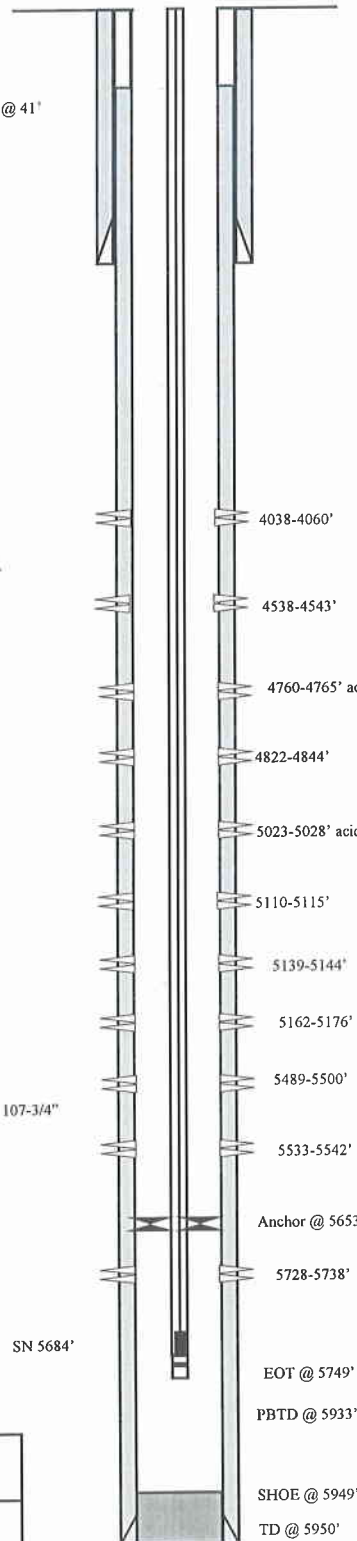
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5638.01')
TUBING ANCHOR: 5652.81' KB
NO. OF JOINTS: 1 jts (31.67')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5684.48' KB
NO. OF JOINTS: 2 jts (63.26')
TOTAL STRING LENGTH: EOT @ 5749.29' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 1-2' & 1-6' x 3/4" pony rods, 98-3/4" guided rods, 107-3/4" plain rods, 20-3/4" guided rods, 6-1 1/2" weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16' x 20' RHAC
STROKE LENGTH: 120"
PUMP SPEED, 5 SPM:

Wellbore Diagram

FRAC JOB

06/21/07 5728-5738' **Frac CP5 sands as follows:**
18787# 20/40 sand in 302 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.7 BPM. ISIP 2180 psi. Calc flush: 5726 gal. Actual flush: 5250 gal.

06/21/07 5489-5542' **Frac CP2 & CP1 sands as follows:**
79580# 20/40 sand in 611 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 24.7 BPM. ISIP 2255 psi. Calc flush: 5531 gal. Actual flush: 4998 gal.

06/21/07 5110-5176' **Frac LODC sands as follows:**
90131# 20/40 sand in 670 bbls Lightning 17 frac fluid. Treated @ avg press of 2615 psi w/avg rate of 24 BPM. ISIP 2629 psi. Calc flush: 5108 gal. Actual flush: 4662 gal.

06/21/07 5023-5028' **Perf. A3 sands/Acid.**
Spotted acid twice on perf's, perf's still won't break down.

06/21/07 4822-4844' **Frac B2 sands as follows:**
125067# 20/40 sand in 861 bbls Lightning 17 frac fluid. Treated @ avg press of 1972 psi w/avg rate of 24.8 BPM. ISIP 2227 psi. Calc flush: 4820 gal. Actual flush: 4368 gal.

06/21/07 4760-4765' **Perf. B.5 sands/Acid.**
Spotted acid on perf's, perf's still won't break down.

06/22/07 4538-4543' **Frac D1 sands as follows:**
15108# 20/40 sand in 239 bbls Lightning 17 frac fluid. Treated @ avg press of 2126 psi w/avg rate of 24.7 BPM. ISIP 1935 psi. Calc flush: 4536 gal. Actual flush: 4074 gal.

06/22/07 4760-4765' acid
06/22/07 4038-4060' **FracGB4 sands as follows:**
88792# 20/40 sand in 618 bbls Lightning 17 frac fluid. Treated @ avg press of 1713 psi w/avg rate of 24.8 BPM. ISIP 2050 psi. Calc flush: 4036 gal. Actual flush: 4032 gal.

PERFORATION RECORD

Date	Interval	Tool	Holes
06/21/07	5728-5738'	4 JSPF	40 holes
06/21/07	5533-5542'	4 JSPF	36 holes
06/21/07	5489-5500'	4 JSPF	44 holes
06/21/07	5162-5176'	4 JSPF	56 holes
06/21/07	5139-5144'	4 JSPF	20 holes
06/21/07	5110-5115'	4 JSPF	20 holes
06/21/07	5023-5028'	4 JSPF	20 holes
06/21/07	4822-4844'	4 JSPF	88 holes
06/21/07	4760-4765'	4 JSPF	20 holes
06/22/07	4538-4543'	4 JSPF	20 holes
06/22/07	4038-4060'	4 JSPF	88 holes

NEWFIELD

WEST POINT FED. 7-18-9-16

1962' FNL & 1941' FEL

SW/NE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-32919; Lease # UTU-74390

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APR 11 2011

DIV. OF OIL, GAS & MINING

West Point 3-18-9-16

Spud Date: 12-15-06
Put on Production: 2/8/07
GL: 6054' KB: 6066'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.06')
DEPTH LANDED: 321.91' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts (6053.99')
DEPTH LANDED: 6067.24' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 131 jts (4140.45')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4152.45' KB
CE @ 4156.75'
TOTAL STRING LENGTH: EOT @ 4160.82' KB

Cement top @ 110'

FRAC JOB

02-01-07 5745-5841' Frac CP4, & CP3 sands as follows:
39231# 20/40 sand in 396 bbls Lightning 17
frac fluid. Treated @ avg press of 2354 psi
w/avg rate of 24.7 BPM. ISIP 1986 psi. Calc
flush: 5743 gal. Actual flush: 5250 gal.

02-01-07 5131-5146' Frac A1 sands as follows:
87269# 20/40 sand in 666 bbls Lightning 17
frac fluid. Treated @ avg press of 2631 psi
w/avg rate of 24.8 BPM. ISIP 1986 psi. Calc
flush: 5129 gal. Actual flush: 4662 gal.

02-01-07 4976-5015' Frac B1, & B2 sands as follows:
49371# 20/40 sand in 419 bbls Lightning 17
frac fluid. Treated @ avg press of 2122 psi
w/avg rate of 24.7 BPM. ISIP 2068 psi. Calc
flush: 4974 gal. Actual flush: 4452 gal.

02-01-07 4470-4503' Frac PB10, & PB11 sands as follows:
79312# 20/40 sand in 586 bbls Lightning 17
frac fluid. Treated @ avg press of 2401 w/
avg rate of 24.8 BPM. ISIP 2342 psi. Calc
flush: 4468 gal. Actual flush: 3948 gal.

02-01-07 4220-4230' Frac GB4 sands as follows:
50606# 20/40 sand in 418 bbls Lightning 17
frac fluid. Treated @ avg press of 1930 w/
avg rate of 24.7 BPM. ISIP 2342 psi. Calc
flush: 4218 gal. Actual flush: 4116 gal.

8/8/07 Parted rods. Updated rod & tubing details.

2/29/08 Tubing Leak. Updated rod & tubing details.

2/2/09 Well converted to an Injection Well.
EOT @ 4161' Conversion MIT finalized - update lbd
2/4/09 detail.

Packer @ 4157'
EOT @ 4161'

4220-4230'

4470-4474'

4492-4503'

4976-4984'

5010-5015'

5131-5146'

5745-5752'

5812-5820'

5832-5841'

PBTD @ 6017'

TD @ 6070'

PERFORATION RECORD

01-19-07	5832-5841'	4 JSPF	36 holes
01-19-07	5812-5820'	4 JSPF	32 holes
01-19-07	5745-5752'	4 JSPF	28 holes
02-01-07	5131-5146'	4 JSPF	60 holes
02-01-07	5010-5015'	4 JSPF	20 holes
02-01-07	4976-4984'	4 JSPF	32 holes
02-01-07	4492-4503'	4 JSPF	44 holes
02-01-07	4470-4474'	4 JSPF	16 holes
02-01-07	4220-4230'	4 JSPF	40 holes



West Point 3-18-9-16

888' FNL & 1562' FWL

NE/NW Section 18-T9S-R16E

Duchesne Co, Utah

API # 43-013-32794; Lease # UTU-74390

West Point 4-17-9-16

Spud Date: 11/13/2001
Put on Production: 7/23/02

GL: 6014' KB: 6024'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#/ft
LENGTH: 7 jts (295.67')
DEPTH LANDED: 302.67' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cement, est 5 bbls cement to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#/ft
LENGTH: 133 jts (5943.32')
DEPTH LANDED: 5940.92' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem Lite H mixed & 450 sxs 50/50 POZ
CEMENT TOP AT: 670' per CBL

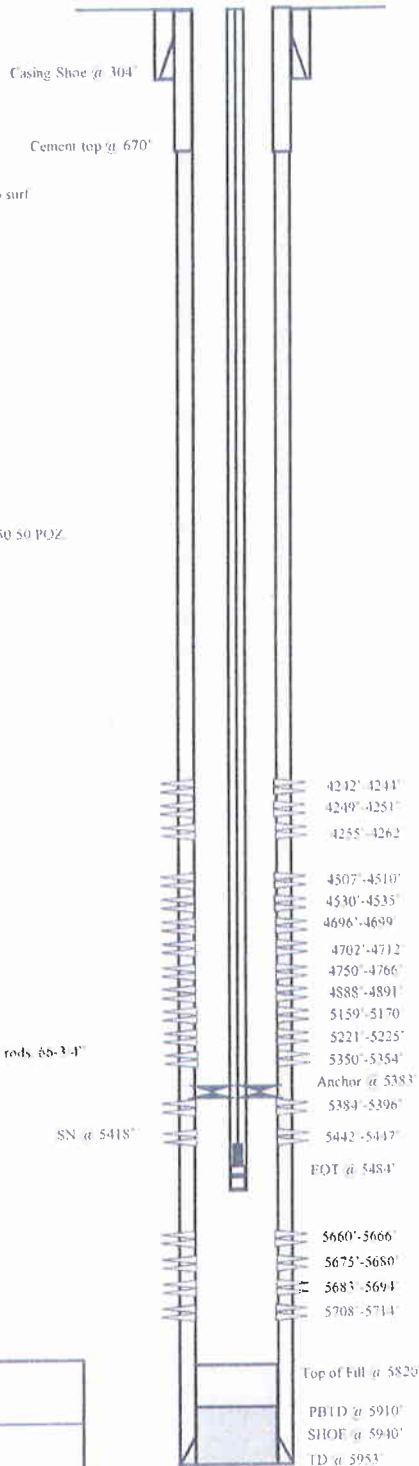
TUBING

SIZE GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5373.01')
TUBING ANCHOR: 5383.01' KB
NO. OF JOINTS: 1 jts (32.33')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5418.16' KB
NO. OF JOINTS: 2 jts (64.72')
TOTAL STRING LENGTH EOT @ 5484.43' KB

SUCKER RODS

POISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-6", 2-4" x 1/2" pony rods, 110-3/4" guided rods, 65-3/4" slick rods, 46-3/4" guided rods, 4-1/2" WT bars
PUMP SIZE: 2-1/2" x 1-1/2" x 10 x 14 RHAC CDI
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: 39 BOPD,
915 MCFD, 3 BWPD

FRAC JOB

7/16/02	5660'-5714'	Frac C/P1,2,3 sand as follows: 75,449# 20/40 sand in 590 bbls Viking 1-25 fluid. Treated @ avg press of 1617 psi w/avg rate of 26.1 BPM. ISIP 2180 psi. Calc flush: 5660 gal. Actual flush: 5565 gal
7/18/02	5159'-5447'	Frac A3, LODC sands as follows: 99,628# 20/40 sand in 699 bbls Viking 1-25 fluid. Treated @ avg press of 2039 psi w/avg rate of 26.1 BPM. ISIP 2880 psi. Calc flush: 5159 gal. Actual flush: 5061 gal
7/16/02	5660'-5714'	Frac DS3, D1, A3 sands as follows: 90,540# 20/40 sand in 625 bbls Viking 1-25 fluid. Treated @ avg press of 1505 psi w/avg rate of 25.4 BPM. ISIP 2130 psi. Calc flush: 4696 gal. Actual flush: 4599 gal
7/16/02	4242'-4535'	Frac GB4, PB10, PB11 sands as follows: 61,611# 20/40 sand in 458 bbls Viking 1-25 fluid. Treated @ avg press of 1969 psi w/avg rate of 25.9 BPM. ISIP 2200 psi. Calc flush: 4242 gal. Actual flush: 4158 gal
1/22/04		Pump Change
2/2/04		Pump Change. Update rod and tubing details
03/19/04		Pump Change
5/9/05		Tubing leak. Update rod and tubing details
02/21/06		Tubing leak
02/22/06		Tubing leak. Update rod and tubing details
07/12/06		Pump Change. Update rod & tubing details

PERFORATION RECORD

7/12/02	5708'-5714'	4 JSPF	24 holes
7/12/02	5683'-5694'	4 JSPF	44 holes
7/12/02	5675'-5680'	4 JSPF	20 holes
7/12/02	5660'-5666'	4 JSPF	24 holes
7/16/02	5442'-5447'	4 JSPF	20 holes
7/16/02	5384'-5396'	4 JSPF	48 holes
7/16/02	5350'-5354'	4 JSPF	16 holes
7/16/02	5221'-5225'	4 JSPF	16 holes
7/16/02	5159'-5170'	4 JSPF	44 holes
7/16/02	4888'-4891'	4 JSPF	12 holes
7/16/02	4750'-4766'	4 JSPF	64 holes
7/16/02	4702'-4712'	4 JSPF	40 holes
7/16/02	4696'-4699'	4 JSPF	12 holes
7/16/02	4530'-4535'	4 JSPF	20 holes
7/16/02	4507'-4510'	4 JSPF	12 holes
7/16/02	4255'-4262'	4 JSPF	28 holes
7/16/02	4249'-4253'	4 JSPF	08 holes
7/16/02	4242'-4244'	4 JSPF	08 holes

NEWFIELD

West Point 4-17-9-16

532' FNL & 667' FWL

NWNW Section 17-T9S-R16E

Duchesne Co, Utah

API #43-013-32280, Lease #UTU-74390

West Point 14-7-9-16

Spud Date: 02/09/06
Put on Production: 03/24/06
K.B.: 6000, G.L.: 5988

SURFACE CASING

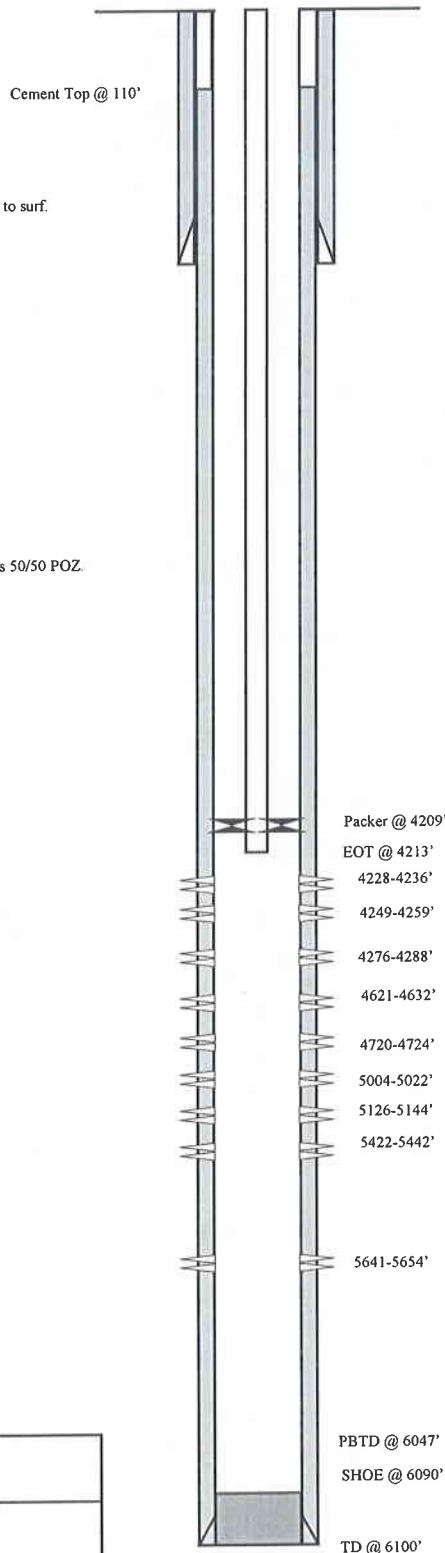
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.55')
DEPTH LANDED: 317.45' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6077.36')
DEPTH LANDED: 6090.61' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP @: 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 130 jts (4192.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4204.9' KB
CE @ 4209.27'
TOTAL STRING LENGTH: EOT @ 4213' w/ 12' KB

Injection Wellbore
Diagram

Initial Production:
BOPD, MCFD, BWPD

FRAC JOB

03-14-06 5641-5654' Frac CPI, sands as follows:
40008# 20/40 sand in 460 bbls Lightning 17
frac fluid. Treated @ avg press of 1935 psi
w/avg rate of 25.3 BPM. ISIP 1970 psi. Calc
flush: 5652 gal. Actual flush: 5670 gal.

03-15-06 5422-5442' Frac LODC, sands as follows:
49941# 20/40 sand in 509 bbls Lightning 17
frac fluid. Treated @ avg press of 2174 psi
w/avg rate of 25 BPM. ISIP 2290 psi. Calc
flush: 5440 gal. Actual flush: 5418 gal.

03-15-06 5126-5144' Frac A1 sands as follows:
54325# 20/40 sand 471 bbls Lightning 17
frac fluid. Treated @ avg press of 2142 psi
w/avg rate of 25.3 BPM. ISIP 2200 psi. Calc
flush: 5142 gal. Actual flush: 5166 gal.

03-15-06 5004-5022' Frac B2 sands as follows:
90495# 20/40 sand in 651 bbls Lightning 17
frac fluid. Treated @ avg press of 1763 psi
w/avg rate of 25.5 BPM. ISIP 1900 psi. Calc
flush: 5020 gal. Actual flush: 4998 gal.

03-15-06 4621-4724' Frac DSI, D1 sands as follows:
25539# 20/40 sand in 320 bbls Lightning 17
frac fluid. Treated @ avg press 2017 psi
w/avg rate of 25.4 BPM. ISIP 2300 psi. Calc
flush: 4722 gal. Actual flush: 4620 gal.

03-15-06 4228-4288' Frac GB4, GB6 sands as follows:
123611# 20/40 sand in 812 bbls Lightning 17
frac fluid. Treated @ avg press 1796 psi
w/avg rate of 25.4 BPM. ISIP 2180 psi. Calc
flush: 4286 gal. Actual flush: 4116 gal.

08-25-06 Pump Change-Tubing & Rod detail updated.

08-14-07 Workover: Updated rod details.

05-28-08 Tbg. Leak. Updated rod and tubing details

02-27-10 Convert to Injection well

03-09-10 MIT completed - update tbg detail

PERFORATION RECORD

Date	Interval	Tool	Holes
03/10/06	5641-5654'	4 JSPF	52 holes
03/14/06	5422-5442'	4 JSPF	80 holes
03/15/06	5126-5144'	4 JSPF	72 holes
03/15/06	5004-5022'	4 JSPF	72 holes
03/15/06	4720-4724'	4 JSPF	16 holes
03/15/06	4621-4632'	4 JSPF	44 holes
03/15/06	4276-4288'	4 JSPF	48 holes
03/15/06	4249-4259'	4 JSPF	40 holes
03/15/06	4228-4236'	4 JSPF	32 holes

NEWFIELD

West Point 14-7-9-16

493' FSL & 1919' FWL

SE/SW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-32745; Lease #UTU-74390

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

LCN 03-22-10

Nine Mile #15-7-9-16

Spud Date: 12/2/97
 Put on Production: 1/14/98
 GL: 5923' KB: 5935'

Initial Production: 66 BOPD,
 76 MCFPD, 6 BWPD

SURFACE CASING

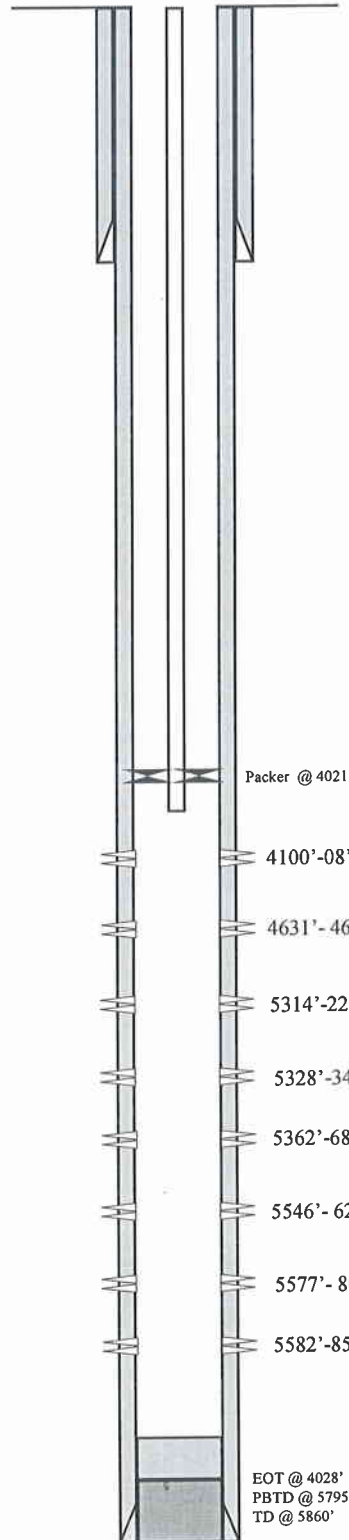
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (286')
 DEPTH LANDED: 288'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sks Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (5827')
 DEPTH LANDED: 5839'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sks Hibond mixed & 300 sks thixotropic
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 128 jts (4007.82')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4020.92' KB
 TUBING ANCHOR: 4021.24'
 TOTAL STRING LENGTH: EOT @ 4028.24'

Injection Wellbore
DiagramFRAC JOB

1/8/98	5546'-5585'	Frac CP sand as follows: 104,400# of 20/40 sd in 525 bbls Delta Frac. Treated @ avg rate 32.3 bpm, avg press 1650 psi. Breakdown @ 2996 psi. ISIP-2900 psi, 5-min 2007 psi. Flowback for 3 hrs & died.
1/10/98	4631'-4642'	Frac D sand as follows: 104,400# of 20/40 sd in 507 bbls Delta Frac. Breakdown @ 2460 psi. Treated @ avg rate of 26.4 BPM, avg press 2100 psi. ISIP-2424 psi, 5-min 2262 psi. Flowback on 12/64" ck for 4 hrs & died.
11/28/01	5362'-5368'	Broke perfs with 3500 psi @ 1.75 bpm. Injection rate of 2950 psi.
11/28/01	5314'-5334'	Broke perfs with 1200 psi @ 1.75 bpm. Injection rate of 1500 psi.
11/28/01	4100'-4108'	Broke perfs with 2700 psi @ 1.75 bpm. Injection rate of 1800 psi.
11/28/01		Open new perfs and convert to injection.
11/21/06		5 Year MIT completed on 11/15/06 and submitted on 11/21/06.

PERFORATION RECORD

1/8/98	5546'-5562'	4 JSPF	24 holes
1/8/98	5577'-5580'	4 JSPF	12 holes
1/8/98	5582'-5585'	4 JSPF	12 holes
1/9/98	4631'-4642'	4 JSPF	44 holes
11/28/01	5362'-5368'	4 JSPF	24 holes
11/28/01	5328'-5334'	4 JSPF	24 holes
11/28/01	5314'-5322'	4 JSPF	32 holes
11/28/01	4100'-4108'	4 JSPF	32 holes



Nine Mile #15-7-9-16
 701.2 FSL & 2074.8 FEL
 SWSE Section 7-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31803; Lease #U-74390

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

CD 11/21/06

Nine Mile 16-7-9-16

Spud Date: 3/23/98
Put on Production: 4/13/01
GL: 5999' KB: 6009'

Initial Production: 205.5BOPD,
442.1 MCFD, 70 BWPD

SURFACE CASING

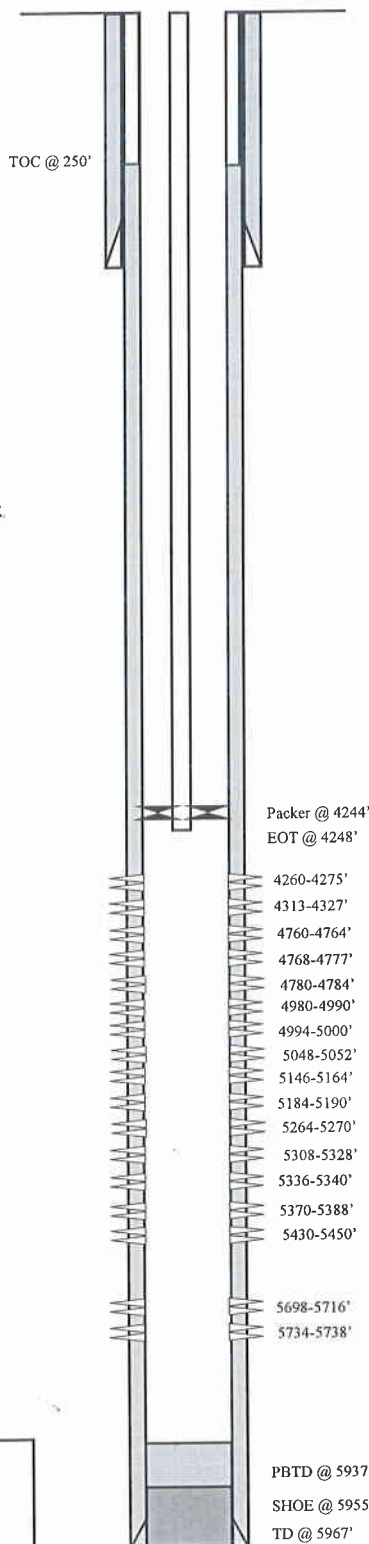
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH 7 jts. (294.6')
DEPTH LANDED @ 305.10'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. 5959.62'
DEPTH LANDED @ 5955.22'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 250'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 136 jts (4229.4')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4239.4' KB
CE @ 4243.7'
TOTAL STRING LENGTH: EOT @ 4248'

Injection Wellbore
DiagramFRAC JOB

4/3/01	5698-5738'	Frac CP sands as follows: Frac with 91,020# 20/40 sand in 674 bbls Viking I-25 fluid. Perfs broke down @ 2126 psi. Treated @ avg press of 1700 psi w/avg rate of 29.3 BPM. ISIP 1850 psi.
4/4/01	5370'-5450'	Frac LDC sand as follows: Frac with 161,000# 20/40 sand in 1046 bbls Viking I-25 fluid. Treated @ avg press of 2700 psi w/avg rate 28.7 BPM. ISIP 3090 psi.
4/5/01	5264-5340'	Frac A-3/LDC sands as follows: Frac w/140,400# 20/40 sand in 925 bbls Viking I-25 fluid. Perfs broke down @ 3121 psi. Treated @ avg press of 2550 psi w/avg rate of 31 BPM. ISIP 2530 psi.
4/6/01	5146-5190'	Frac A sands as follows: Frac with 130,440# 20/40 sand in 852 bbls Viking I-25 fluid. Perfs broke down @ 2700 psi. Treated @ avg press of 2050 psi w/avg rate of 30.3 BPM. ISIP 1950 psi.
4/9/01	4980-5052'	Frac B sand as follows: Frac with 94,800# 20/40 sand in 648 bbls Viking I-25 fluid. Perfs broke down @ 2500 psi. Treated @ avg press of 2050 psi w/avg rate 27.3 BPM. ISIP 2020 psi.
4/10/01	4760-4784'	Frac D sands as follows: Frac with 82,840# 20/40 sand in 544 bbls Viking I-25 fluid. Perfs broke down @ 2581 psi. Treated @ avg. press of 1800 psi w/avg rate of 29.2 BPM. ISIP 2010 psi.
2/20/02		Tubing leak. Update rod and tubing details.
1/22/04		Pump change. Update rod and tubing details.
11/10/04	4313-4327'	Frac GB6 sands as follows: 25,477# 20/40 sand in 318 bbls Lightning 17 frac fluid. Treated @ avg press of 2125 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc. flush: 4311 gals. Actual flush: 4102 gals.
11/10/04	4260-4275'	Frac GB4 sands as follows: 62,560# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 2297 psi w/avg rate of 25 BPM. ISIP 2310 psi. Calc. flush: 4258 gals. Actual flush: 4049 gals.
08/10/06		Pump Change. Update rod and tubing details.
08/09/10		Convert to injection well
08/12/10		MIT Completed - tbg detail updated

PERFORATION RECORD

4/3/01	5734'-5738'	4 JSPF	16 holes
4/3/01	5698'-5716'	4 JSPF	72 holes
4/4/01	5430'-5450'	4 JSPF	80 holes
4/4/01	5370'-5388'	4 JSPF	72 holes
4/5/01	5336'-5340'	4 JSPF	16 holes
4/5/01	5308'-5328'	4 JSPF	80 holes
4/5/01	5264'-5270'	4 JSPF	24 holes
4/6/01	5184'-5190'	4 JSPF	24 holes
4/6/01	5146'-5164'	4 JSPF	72 holes
4/9/01	5048'-5052'	4 JSPF	16 holes
4/9/01	4994'-5000'	4 JSPF	24 holes
4/9/01	4980'-4990'	4 JSPF	40 holes
4/9/01	4780'-4784'	4 JSPF	16 holes
4/9/01	4768'-4777'	4 JSPF	36 holes
4/9/01	4760'-4764'	4 JSPF	16 holes
11/9/04	4313'-4327'	2 JSPF	28 holes
11/10/04	4260'-4275'	2 JSPF	30 holes

NEWFIELD

NINE MILE 16-7-9-16

660' FSL & 660' FEL

SESE Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31804; Lease #UTU-74390

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

LCN 08-16-10

Monument Federal 42-18-9-16Y

Spud Date: 03/10/97
Put on Production: 4/10/97
GL: 6064' KB: 6078'

Initial Production: 23.5 BOPD,
13.5 MCFPD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 261'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" + 2% CaCl₂ + 1/4#/sx Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts (5859')
DEPTH LANDED: 5869'
HOLE SIZE: 7-7/8"
CEMENT DATA: 145 sxs Prem Lite Plus + 10% gel _6#/sx BA-981 +
.5% sod met + 2#/sx Kol seal + 1/4#/sx Cello Flake

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5258.81')
TUBING ANCHOR: 5268.81'
NO. OF JOINTS 2 jts (62.02')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5333.63' KB
NO. OF JOINTS: 1 Perf sub (4.0')
TOTAL STRING LENGTH: EOT @ 5370.19'

ROD STRING

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-1 1/2" weight bars, 10-3/4" scraped rods, 153-3/4" plain rods, 50-3/4" scraped rods, 1-3/4" plain rods, 2-4', 1-6' x 3/4" pony rod.
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 4
LOGS: DLL, CNL/LDT, CBL/GR

FRAC JOB

3/27/97 5174'-5292'

Frac G3, G4 sands as follows:

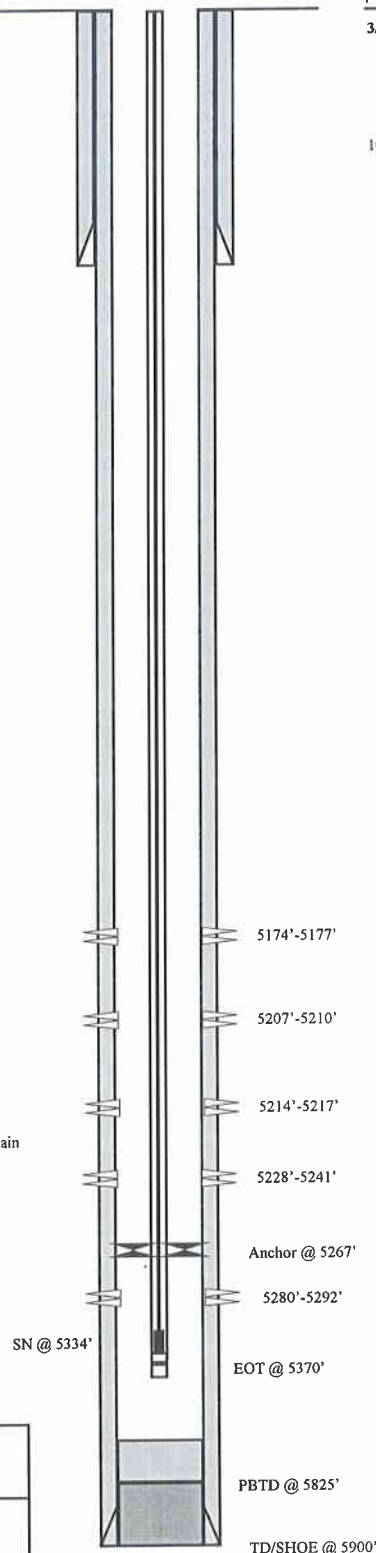
30,600# 20/40 sand and 69,200# 16/30 sand in 719 bbl 2% KCL water. Avg. Treating pressure of 1850 psi @ 34.5 BPM, ISIP 1900 psi.

Tubing Leak. Update rod and tubing details.

10/27/04

PERFORATION RECORD

3/26/97	5280'-5292'	2 JSPF	06 holes
3/26/97	5228'-5241'	2 JSPF	06 holes
3/26/97	5214'-5217'	2 JSPF	06 holes
3/26/97	5207'-5210'	2 JSPF	26 holes
3/26/97	5174'-5177'	2 JSPF	24 holes

**NEWFIELD**

Monument Federal 42-18-9-16Y
2007 FNL & 388 FEL
SE/NE Sec. 18, T9S R16E
Duchesne, County
API# 43-013-31724; Lease# UTU-74390

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

KR 12/17/04

Monument Federal 41-18-9-16

Spud Date: 06/20/96
 Put on Production: 7/19/96
 Put on injection: 07/16/02
 GL: 6019' KB: 6029' (10' KB)

SURFACE CASING

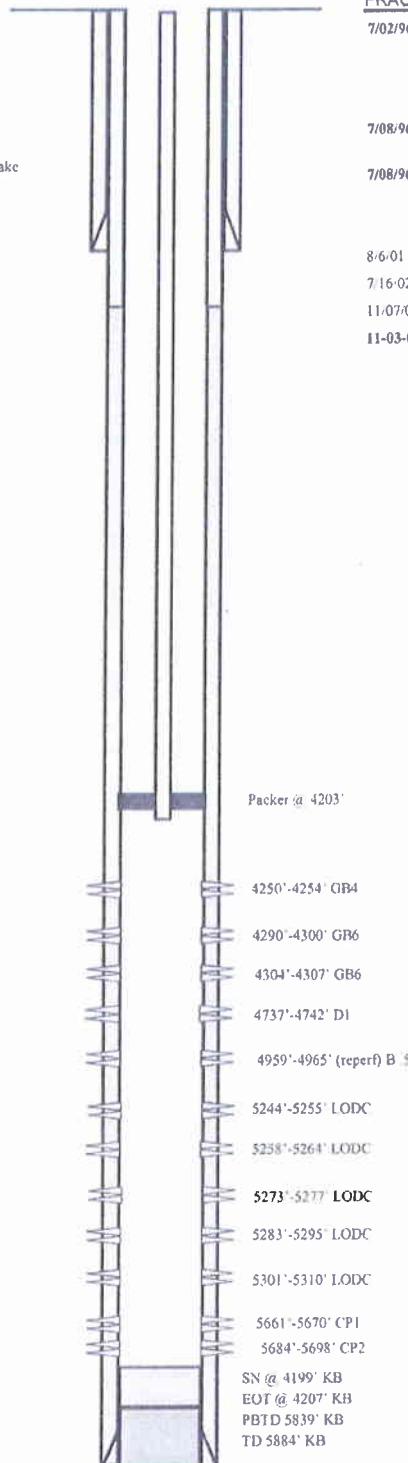
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT 24#
 DEPTH LANDED: 265'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" w/ 2% CaCl₂ + 1/4# :sxs Cello Flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts (5874')
 DEPTH LANDED: 5884' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs super "G", Tail w/ 360 sxs 50/50 poz.

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 135 jts (4139.20')
 SN LANDED AT: 4199.20' KB
 PACKER: 4203.50' KB
 TOTAL STRING LENGTH: EOT @ 4207.50' KB

Injection
Wellbore Diagram

Initial Production: ? BOPD. ?
 MCFPD, ? BWPD

FRAC JOB

7/02/96 5244'-5310' 42,168 gals 2% KCL wtr & \$4,070 # 20/40 ss and 98,380 # 16/30 ss. Used 1004 bbls wtr. Start forced closure flow back @ 1.0 bpm. Flowed back 450 bbls wtr, 0 bbls wtr, and trace of sand

7/08/96 4737'-4965' 18,900 gals 2% KCL wtr & 50,000 # 16/30 ss. No flow back

7/08/96 4250'-4307' 22,470 gals 2% KCL wtr and 78,230 # 16/30 mesh ss. 32.5 BPOM. Start forced closure flow back @ 5 bpm. flow back 15 BW

8/6/01 Tubing job Updated tubing & rod details

7/16/02 Convert to injector

11/07/06 Recompletion (new perfs)

11-03-06 5698'-5661' Frac CP1 and CP2 sand as follows:
 19,014# 20/40 sand in 209 bbls lightning
 17 frac fluid, treated w/ avg press of 3000psi @ avg rate of 14.6 BPM. ISIP @ 1970 psi. Calc flush 2507. Actual flush 1373

PERFORATION RECORD

4250'-4254'	4 SPF	16 holes
4290'-4300'	4 SPF	40 holes
4304'-4307'	4 SPF	12 holes
4737'-4742'		7 holes
11-02/06 4959'-4965'		7 holes (reperf)
5244'-5255'	2 SPF	22 holes
5258'-5264'	2 SPF	12 holes
5273'-5277'	2 SPF	8 holes
5283'-5295'	2 SPF	24 holes
5301'-5310'	2 SPF	18 holes
11-02/06 5661'-5670'	4 JSPF	36 holes
11-02/06 5684'-5698'	4 JSPF	56 holes

NEWFIELD

Monument Federal 41-18-9-16
 497' FNL & 424' FEL
 NENE Section 18-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31646; Lease #U-74390

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53132**Well Name: **south wells draw IF**Sample Point: **tank**Sample Date: **1 /7 /2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0006
pH:	7.25
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	5345
Molar Conductivity (µS/cm):	8099
Resistivity (Mohm):	1.2347

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	31.62	Chloride (Cl):	2500.00
Magnesium (Mg):	15.12	Sulfate (SO₄):	88.00
Barium (Ba):	8.18	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	805.00
Sodium (Na):	1897.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	-
Iron (Fe):	0.12	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		0.76	-0.74	0.00	-1872.00	0.00	-1990.00	-	-	28.50	13.37	1.25
80	0	0.55	-1.54	0.00	-5.19	0.00	-2126.70	-	-	43.03	13.55	0.57
100	0	0.76	-0.74	0.00	-3.25	0.00	-1990.00	-	-	28.50	13.37	0.70
120	0	0.98	-0.06	0.00	-1.85	0.00	-1792.60	-	-	19.32	13.12	0.79
140	0	1.22	0.57	0.00	-0.80	0.00	-1562.50	-	-	13.37	12.78	0.89
160	0	1.47	1.15	0.00	0.01	0.00	-1323.40	-	-	9.43	12.32	1.01
180	0	1.72	1.70	0.00	0.63	0.01	-1092.60	-	-	6.77	11.71	1.11
200	0	1.96	2.21	0.01	1.12	0.01	-881.65	-	-	4.94	10.90	1.13
220	2.51	2.16	2.69	0.01	1.48	0.01	-703.26	-	-	3.59	9.80	1.14
240	10.3	2.34	3.11	0.01	1.72	0.02	-544.83	-	-	2.67	8.45	1.17
260	20.76	2.48	3.47	0.01	1.84	0.02	-413.16	-	-	2.01	6.73	1.19
280	34.54	2.59	3.76	0.01	1.86	0.04	-306.03	-	-	1.53	4.58	1.22
300	52.34	2.65	3.95	0.01	1.79	0.06	-220.34	-	-	1.17	1.91	1.25

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Notes:

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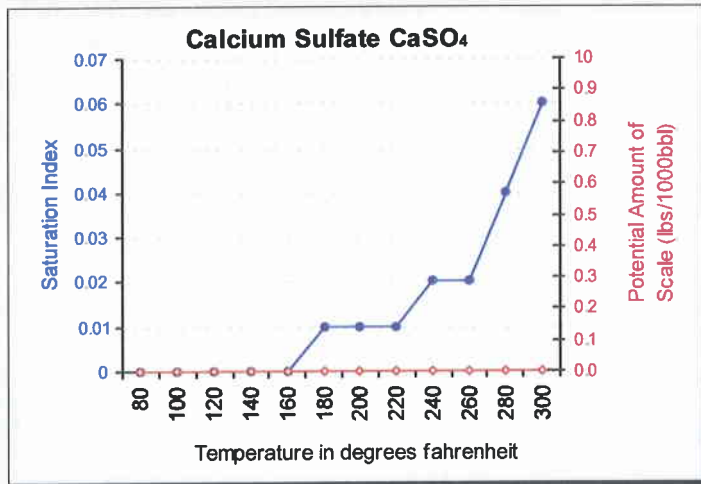
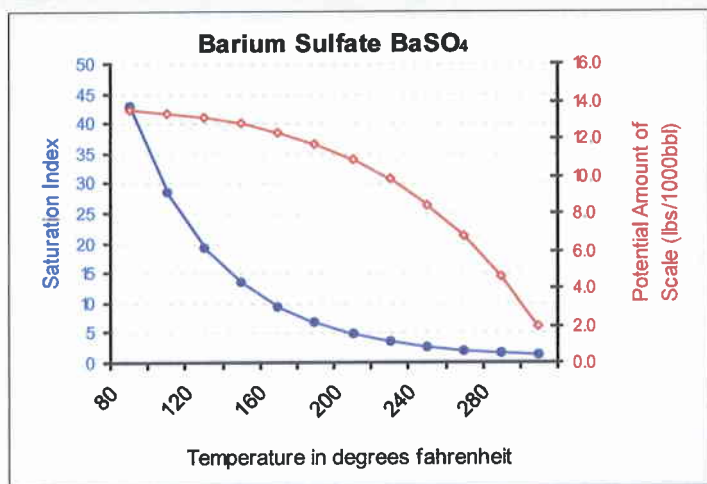
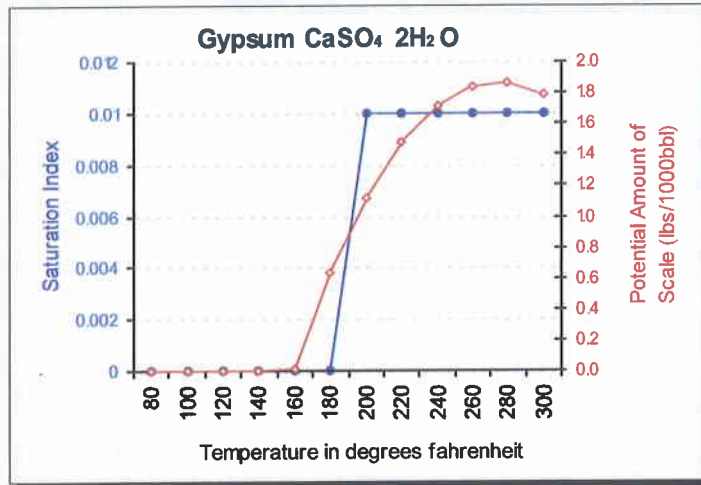
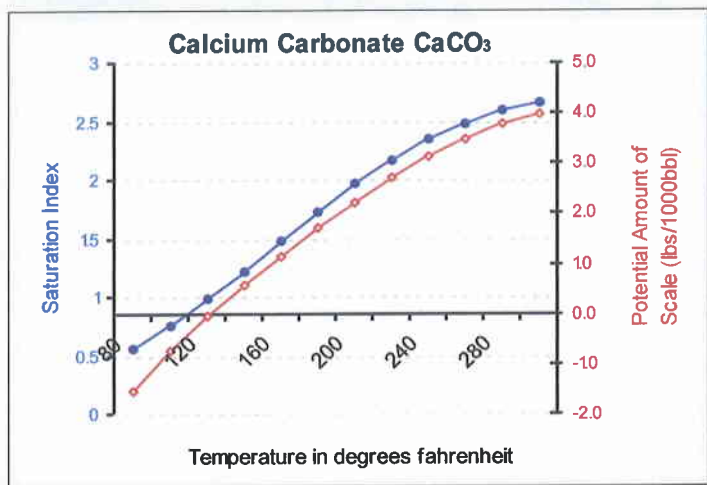
Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

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**Scale Prediction Graphs**Well Name: **south wells draw IF**Sample ID: **WA-53132****RECEIVED****APR 11 2011****DIV. OF OIL, GAS & MINING**

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory
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Water Analysis ReportProduction Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53541**Well Name: **31-18Y-9-16**Sample Point: **Treater**Sample Date: **2 / 1 / 2011**Sales Rep: **Darren Betts**Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics	
Test Date:	2/1/2011	Cations	mg/L
Temperature (°F):	100	Calcium (Ca):	18.50
Sample Pressure (psig):	0	Magnesium (Mg):	9.30
Specific Gravity (g/cm³):	1.0080	Barium (Ba):	48.60
pH:	7.8	Strontium (Sr):	-
Turbidity (NTU):	-	Sodium (Na):	4950.00
		Potassium (K):	-
		Iron (Fe):	0.29
		Manganese (Mn):	0.08
		Lithium (Li):	-
		Aluminum (Al):	-
		Ammonia NH ₃ :	-
Calculated T.D.S. (mg/L):	13347	Anions	mg/L
Molar Conductivity (µS/cm):	20223	Chloride (Cl):	7000.00
Resistivity (Mohm):	0.4945	Sulfate (SO ₄):	99.00
		Dissolved CO ₂ :	-
		Bicarbonate (HCO ₃):	1220.00
		Carbonate (CO ₃):	-
		H ₂ S:	1.50
		Phosphate (PO ₄):	-
		Silica (SiO ₂):	-
		Fluoride (F):	-
		Nitrate (NO ₃):	-
		Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100	0	1.64	4.86	0.00	-2588.90	0.00	-2728.90	-	-	97.83	81.23	0.48
80	0	1.22	1.86	0.00	-6.33	0.00	-2899.40	-	-	149.46	81.70	0.24
100	0	1.64	4.86	0.00	-1.67	0.00	-2728.90	-	-	97.83	81.23	0.29
120	0	2.06	7.32	0.00	1.88	0.00	-2475.70	-	-	65.49	80.55	0.32
140	0	2.48	9.43	0.00	4.56	0.00	-2175.90	-	-	44.72	79.60	0.36
160	0	2.88	11.08	0.00	6.34	0.00	-1860.60	-	-	31.08	78.30	0.41
180	0	3.20	12.19	0.00	7.24	0.00	-1553.10	-	-	21.94	76.56	0.45
200	0	3.43	12.77	0.00	7.41	0.00	-1269.20	-	-	15.71	74.28	0.45
220	2.51	3.52	12.90	0.00	7.11	0.00	-1029.80	-	-	11.15	71.13	0.45
240	10.3	3.54	12.64	0.00	6.58	0.01	-812.25	-	-	8.14	67.30	0.46
260	20.76	3.45	12.05	0.00	5.99	0.01	-629.55	-	-	6.00	62.51	0.47
280	34.54	3.28	11.16	0.00	5.39	0.01	-479.34	-	-	4.46	56.62	0.47
300	52.34	3.06	10.04	0.00	4.80	0.02	-357.91	-	-	3.33	49.44	0.48

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Notes:**RECEIVED****APR 11 2011**

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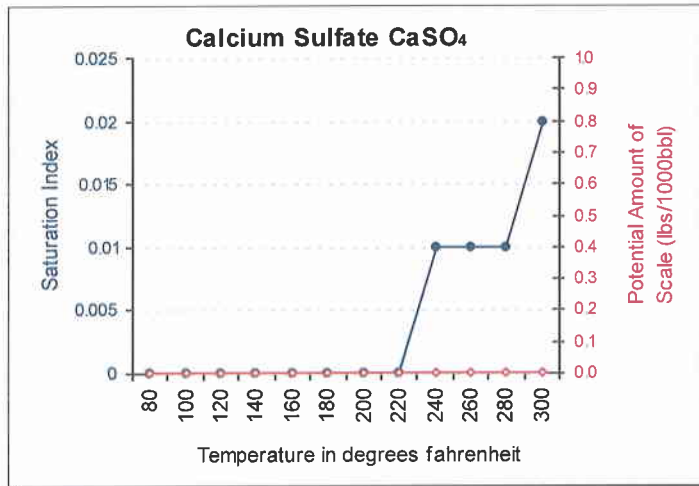
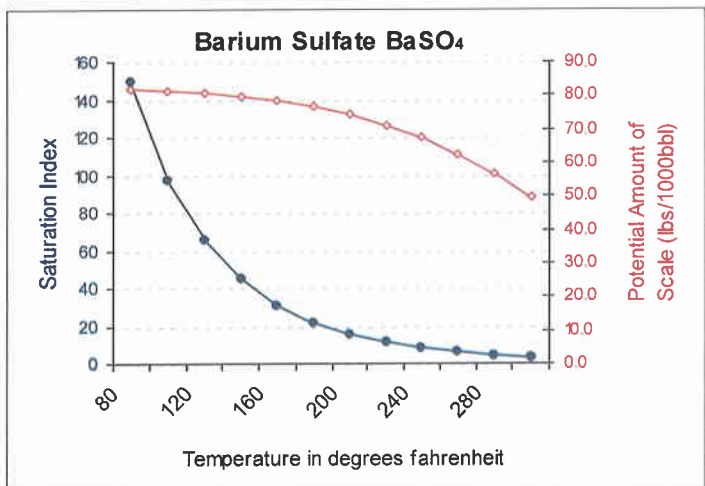
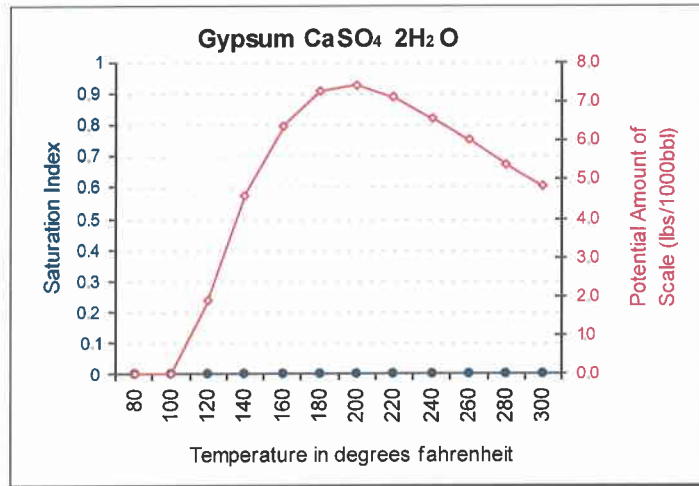
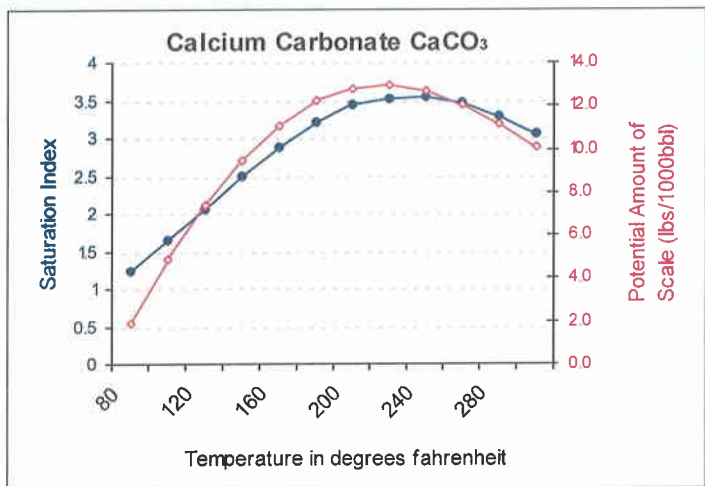
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Scale Prediction Graphs

Well Name: **31-18Y-9-16**

Sample ID: **WA-53541**



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Attachment "G"

**Monument Federal #31-18-9-16Y
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4757	4894	4826	2250	0.91	2219
4056	4108	4082	2100	0.95	2074
				Minimum	<u>2074</u>



Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

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**EREC, Western Region
DAILY OPERATING REPORT**

MONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

02/22/97 TD: 5700' (0') Day 9

Present Operation: Finish Running 5-2/3" csg.

Finished running 5664' of 5-1/2" csg. Set @ 5674', cemented w/ 820 sacks by BJ Services. Plug down @ 8:00 AM. Release rig @ 12:00 PM. RDMO.

02/28/97 Completion

MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP. TIH w/4-3/4" bit, csg scrapper & 181 jts 2-7/8" tbg. Tag PBD @ 5627' KB. Circulate hole clean w/140 bbls 2% KCL wtr. Pressure test csg & BOP to 1000 psi, OK. TOOH w/tbg & tools. SWIFN.

DC: \$6,632

CC: \$109,232

03/01/97 Completion

RU Cutter Wire Line To run CBL & perf. Run CBL from 5637' KB to 100' KB, w/1000 psi. TOC @ surface. Perf 4757' - 4759', 4761' - 4767', 4824' - 4833' & 4873' - 4894', 2SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 148 jts 2-7/8" tbg. Set BP @ 4813' KB, EOT @ 4748' KB, pkr @ 4740' KB. Shut well in until 3-3-97.

DC: \$6,481

CC: \$115,713

03/03/97 Completion

RU BJ Services and break down 4757' - 4759' & 4761' - 4767' w/2226 gals 2% KCL wtr. ATP = 2600 psi, ATR = 3.3 bpm, ISIP = 1800 psi. Used 53 bbls wtr. Release pkr, retrieve BP. Reset BP @ 4855' KB, EOT 4809', pkr 4802' KB. Break down 4824' - 4833' w/2394 gals 2% KCL wtr. ATP = 2200 psi, ATR = 3.5 bpm, ISIP = 1700 psi. Used 57 bbls wtr. Release pkr, retrieve BP. Reset BP @ 4932' KB, EOT @ 4862' KB, pkr @ 4855' KB. Break down 4873' - 4894' w/2520 gals 2% KCL wtr, ATP = 2600 psi, ATR = 5.1 bpm, ISIP = 1650 psi. Used 60 bbls wtr. Flow 50 bbls wtr. Release pkr, TOOH w/tbg, pkr & retrieving tool. Frac 4757' - 4759', 4761' - 4767', 4824' - 4833', 4873' - 4894' w/35,238 gals 2% KCL gelled wtr & 116,740 lbs 16/30 mesh sand. ATP = 2300 psi, ATR = 41 bpm, ISIP = 2250 psi, 5 min = 1720 psi, 10 min = 1670 psi, 15 min = 1610 psi, 30 min = 1560 psi. Used 839 bbls wtr. Start forced closure flow back, .7 bpm. Flow back 170 bbls wtr, 1% sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 153 jts 2-7/8" tbg. Tag sand @ 4764' KB. Circulate down to BP @ 4938' KB. Set pkr @ 4740' KB. SWIFD.

DC: \$43,628

CC: \$159,341

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EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL 31-18-9-16Y**Location: NW NE Section 18, T9S, R16E****Duchesne County, Utah****---TIGHT HOLE---****03/04/97 Completion**

Well head froze, thawed well head. Made 35 Swab runs. Refer to Swab Report.
Recovered 7 bbls oil, 165 bbls water, good gas, no sand last 15 runs. Oil 15% last 2 runs. Fluid level 2100' last 2 runs. SWIFD

DC: \$2,402**CC: \$161,743****03/05/97 Completion**

Release pkr, tag sand at 4925' KB, circulate down to BP at 4,938' KB. Release BP.
Reset BP at 4190' KB. TOOH w/tbg, pkr and retrieving tool.

RU cutter wire line & perf. 4056' - 64' 4-SPF

4080' - 86' 4-SPF

4088' - 96' 4-SPF

4098' - 4108' 4-SPF

TIH w/retrieving tool, 2 3/8" x 4' sub, HD pkr, 2 7/8" seat nipple and 134 jts.
2 7/8" tbg. Set pkr at 3,995' KB, EOT at 4003' KB. RU BJ Services & break down
perfs noted above w/4158 gal 2% KCL water, 256 ball sealers with ball action being
seen. ATP = 2100 psi; ATR = 6.6 bpm; ISIP = 1250.psi. Used 99 Bbls water. TOOH
w/tbg, pkr & retrieving tool. SWIFD.

DC: \$7,057**CC: \$168,800****03/06/97 Completion**

RU BJ Services and Frac 4056' - 4108'. Frac with 30,660 gal of 2% gelled KCL
water, total sand volume 100,110 lbs w/16/30 sand. ATP = 1950 psi; ATR = 26.7
bpm; ISIP = 2100 psi. Start forced closure flow back, .5 bpm. Flow back 75 bbl
water. 7% sand. SIWF 1 hr because of heavy sand returns. Restart flow back at .5
bpm. Flow back 120 bbl water, trace of sand. Total flow back 195 bbl water. TIH
w/retrieving tool, 2 3/8" x 4' sub, HD pkr, 2 7/8" seat nipple & 129 jts tbg. Tag
sand at 4018' KB. Circulate down to BP at 4190' KB.

Set pkr at 3995' KB. SWIFD.

DC: \$33,479**CC: \$202,279****RECEIVED****APR 11 2011****DIV. OF OIL, GAS & MINING**

EREC, Western Region
DAILY OPERATING REPORTMONUMENT FEDERAL 31-18-9-16Y

Location: NW NE Section 18, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

03/07/97 Completion

Thaw well head. Made 30 swab runs. Recovered 4 bbls oil, 138 bbls wtr, trace of sand, good gas. Oil 5% last 4 runs. No sand last 5 runs. Fluid level 2200', last 2 runs. Release pkr, tag sand @ 4179' KB. Circulate down to BP @ 4190' KB. Release BP. TOOH w/tbg, pkr & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar 2-7/8"	.40'	4995.27'
1 - jt 2-7/8" EUE M-50 8rd 6.5#	29.35'	4994.87'
1 - Perf sub 2-7/8" x 4'	4.20'	4965.52'
1 - SN 2-7/8"	1.10'	4961.32'
31 - jts 2-7/8" EUE M-50 8rd 6.5#	965.18'	4960.22'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	3995.04'
128 - jts 2-7/8" EUE M-50 8rd 6.5#	3982.29'	3992.29'
KB	10.00'	

SWIFN.

DC: \$16,792

CC: \$219,071

03/08/97 Completion

ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/10" tension (13,000#). Flange up well head. TIH w/DHP & rod string as follows:

- 1 - DHP, 2-1/2 x 1-1/2 x 16 RHAC w/SM plunger (TRICO #1229)
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 1 - 1-1/2" x 25' K-Bar
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 196 - 3/4" x 25' D-61 Plain
- 1 - 3/4" x 6' Pony
- 1 - Polish rod 1-1/2" x 22' SM

Clamp rods off. Pressure test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.

DC: \$9,852

CC: \$228,923

03/17/97 Completion

Start well pumping. 6.0 SPM, 100" stroke.

DC: \$35,214

CC: \$264,137

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ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4006'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 171' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 36 sx Class "G" cement down 5 ½" casing to 310'

The approximate cost to plug and abandon this well is \$42,000.

Monument Federal #31-18-9-16Y

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Monument Federal 31-18-9-16

Spud Date: 02/13/97
 Put on Production: 3/17/97
 GL: 5884' KB: 5895'

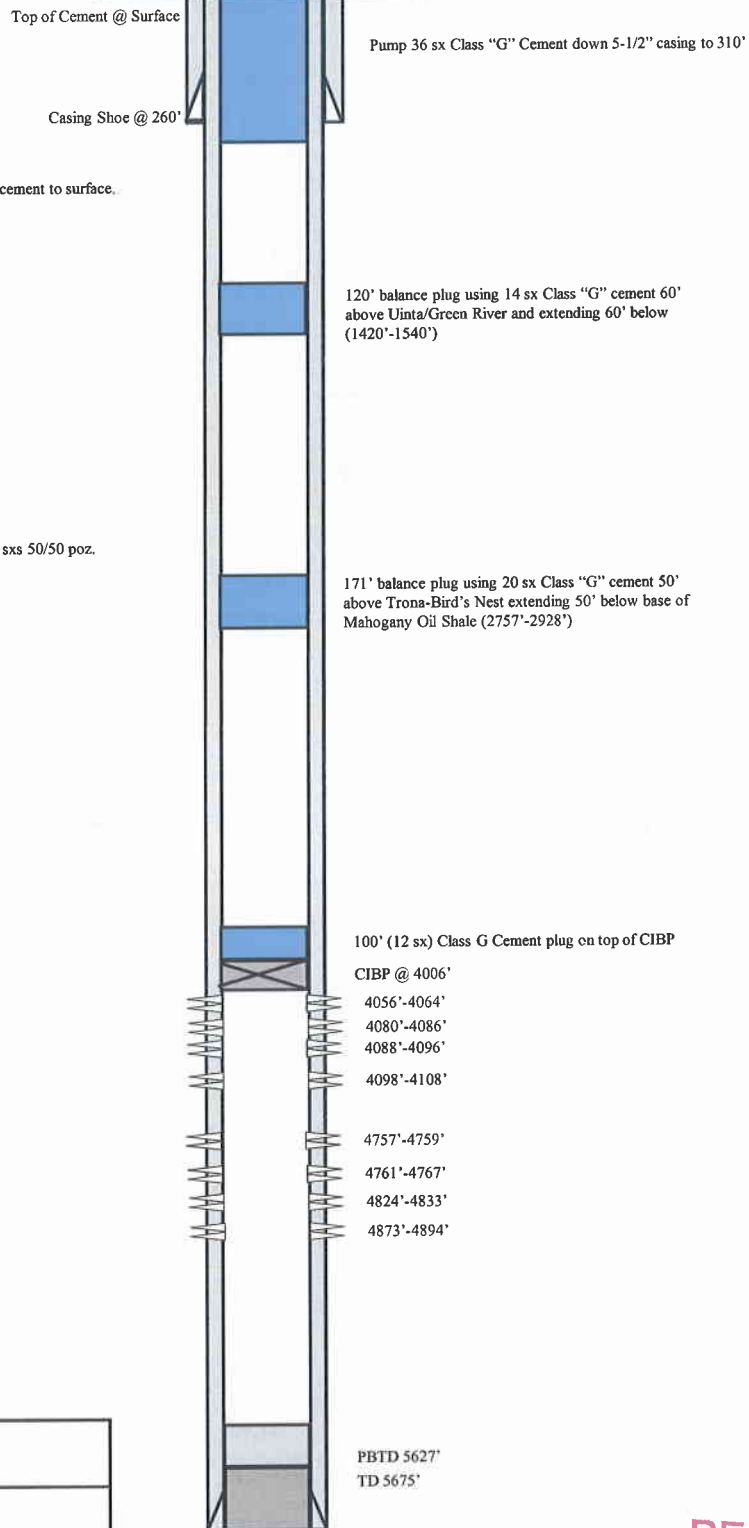
Initial Production: 50 BOPD,
 58 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (249.75')
 DEPTH LANDED: 260' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 185 sxs Class "G". Circulate 4 bbls. cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5664.68')
 DEPTH LANDED: 5675' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs Prem Lite Plus. Tail w/ 570 sxs 50/50 poz.
 Circulate 15 bbls. cement to surface.

Proposed P & A
Wellbore Diagram

NEWFIELD

Monument Federal 31-18-9-16

648' FNL & 1992' FEL

NWNE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31725; Lease #UTU-74390

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DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
648 FNL 1992 FEL
NWNE Section 18 T9S R16E

5. Lease Serial No.

USA UTU-74390

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.

MON BUTTE FED 31-18-9-16Y

9. API Well No.

4301331725

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

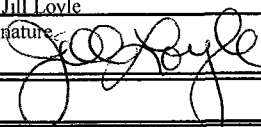
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

RECEIVED

APR 11 2011

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 04/04/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIAOne

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352 MAY 03 2011	4/25/2011

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000683159 /
SCHEDULE	
Start 04/22/2011	End 04/22/2011
CUST. REF. NO.	
Cause No. UIC-375	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RE	
SIZE	
74 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD-CHARGES
TOTAL COST	
253.64	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Ashley Federal 14-1 well located in SE/4 SW/4, Section 1, Township 9 South, Range 15 East
Ashley Federal 16-1 well located in SE/4 SE/4, Section 1, Township 9 South, Range 15 East
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Monument Federal 41-121 well located in NE/4 NE/4, Section 12, Township 9 South, Range 16 East
West Point 4-12-9-16 well located in NW/4 NW/4, Section 17, Township 9 South, Range 16 East
Monument Butte Federal 31-18-9-16Y well located in NW/4 NE/4, Section 18, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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Dated this 18th day of April, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Brad Hill
Permitting Manager

683159 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-375 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY

PUBLISHED ON Start 04/22/2011 End 04/22/2011

SIGNATURE

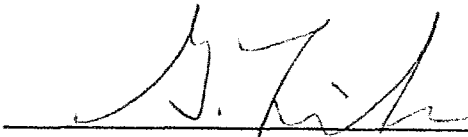
4/25/2011

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

AFFIDAVIT OF PUBLICATION

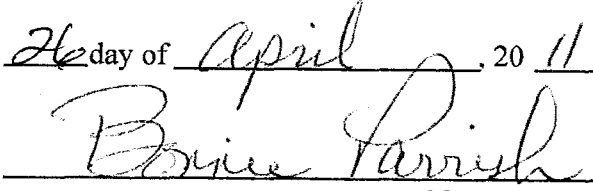
County of Duchesne,
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of April, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of April, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Editor

Subscribed and sworn to before me this

26 day of April, 20 11


Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-375

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Nine Mile 4-7-9-16 well located in NW/4 NW/4, Section 7, Township 9 South, Range 16 East

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-375

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Monument Federal 41-12J well located in NE/4 NE/4, Section 12, Township 9 South, Range 16 East
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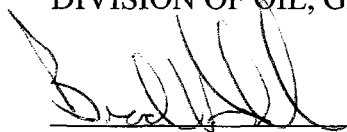
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Dated this 18th day of April, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY U 4-1-9-15, ASHLEY FEDERAL 6-1,
ASHLEY 10-1, ASHLEY FEDERAL 12-1-9-15,
ASHLEY FEDERAL 14-1, ASHLEY FEDERAL 16-1,
NINE MILE 4-7-9-16, MONUMENT FEDERAL 41-12J,
WEST POINT 4-17-9-16, MONUMENT BUTTE FEDERAL 31-18-9-16Y**

Cause No. UIC-375

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

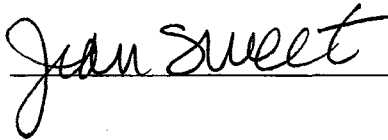
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

SITLA
675 East 500 South
Salt Lake City, UT 84102-2818

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 18, 2011

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 4/19/2011 4:12 PM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

On 4/18/2011 2:28 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

This will be published April 26. Thank you.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 18, 2011

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-375

To Whom It May Concern:

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Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Order Confirmation for Ad #0000683159-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	earlenerussell@utah.gov	Jean Sweet	Ivaldez

Total Amount	\$253.64			
Payment Amt	\$0.00			
Amount Due	\$253.64	Tear Sheets	Proofs	Affidavits
		0	0	1
Payment Method		PO Number	Cause No. UIC-375	
Confirmation Notes:				
Text:				

Ad Type	Ad Size	Color
Legal Liner	2.0 X 74 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	04/22/2011	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	04/22/2011	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	04/22/2011	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	04/22/2011	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-375

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 1, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 7, 12, 17, AND 18, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 18th day of April, 2011.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Brad Hill
Permitting Manager

6831 59

UPAXLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 26, 2011

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Butte Federal 31-18-9-16Y, Section 18, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31725

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

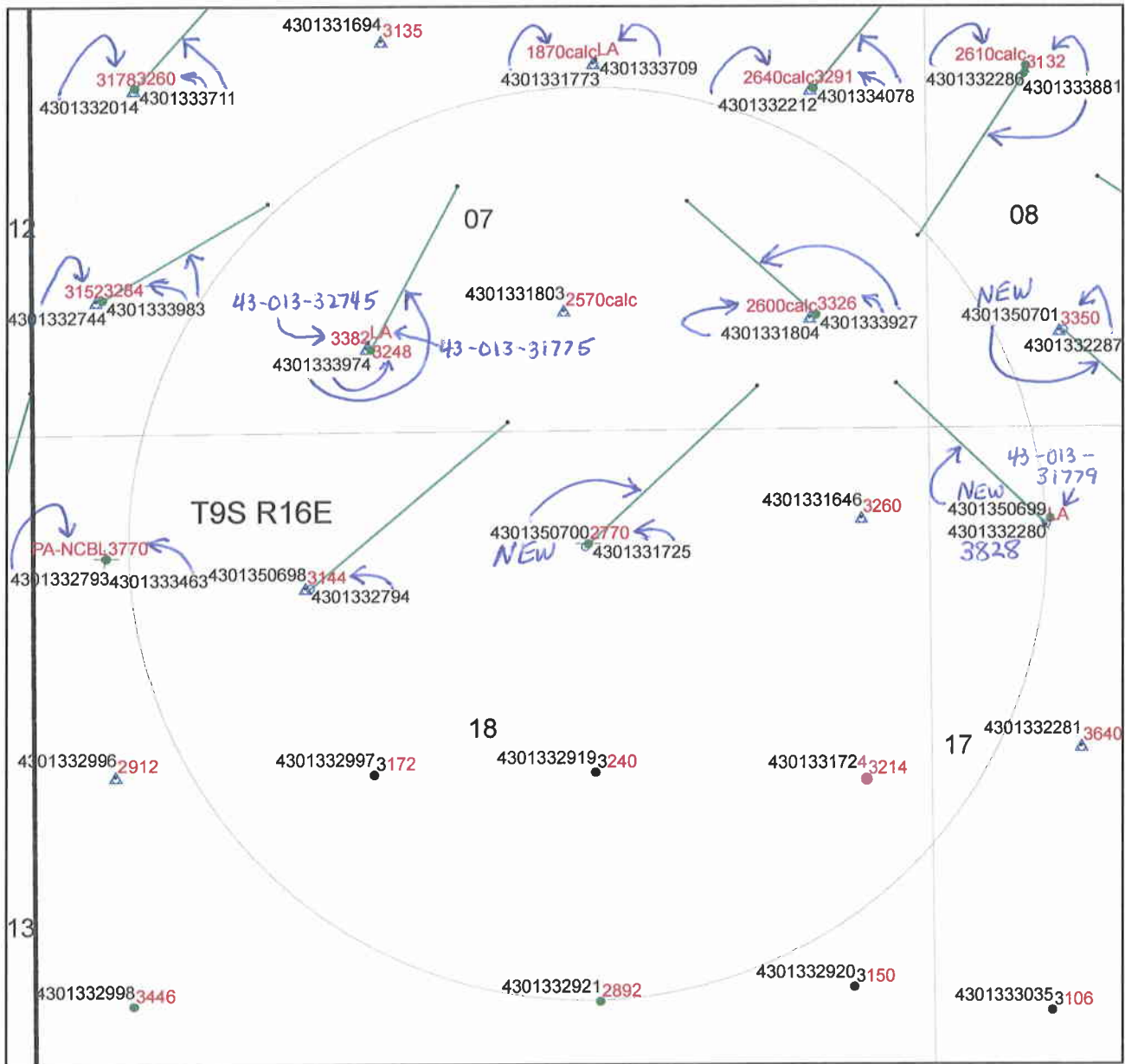
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops MONUMENT FEDERAL 31-18-9-16Y API #43-013-31725 UIC-375.5

Legend

- | | |
|---|-------------------------------------|
| Buffer_of_SGID93_ENERGY_DNROilGasWells_59 | PRODUCING GAS |
| SGID93 BOUNDARIES.Counties | PRODUCING OIL |
| SGID93 CADASTRE.PLSSTownships_GCDB | SHUT-IN GAS |
| SGID93 CADASTRE.PLSSSections_GCDB | SHUT-IN OIL |
| GAS INJECTION | TEMP ABANDONED |
| TW | TEST WELL |
| TA | WATER INJECTION |
| OPS | WATER SUPPLY |
| GS | WATER DISPOSAL |
| APD | DRILLING |
| PA | RETURNED GAS |
| LA | RETURNED OIL |
| GAS STORAGE | GAS INJECTION SI |
| LOCATION ABANDONED | WATER DISP SUSP |
| NEW LOCATION | WATER INJ SUSP |
| PLUGGED & ABANDONED | Wells-CbitopsMaster5_03_11 |
| | SGID93 ENERGY.DNROilGasWells_HDPATH |

0 0.32 Miles

1870calc = approx cement top calculated from well completion report



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Monument Federal 31-18-9-16Y

Location: 18/9S/16E **API:** 43-013-31725

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 260 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,675 feet. A cement bond log demonstrates adequate bond in this well up to about 2,770 feet. A 2 7/8 inch tubing with a packer will be set at 4,006 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 4 producing wells, 5 injection wells, 1 shut-in well (the proposed injection well), and 1 temporarily abandoned well in the AOR. In addition, there is 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1400 feet. Injection shall be limited to the interval between 3,896 feet and 5,627 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 31-18-9-16Y well is 0.95 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,074 psig. The requested maximum pressure is 2,074 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Monument Federal 31-18-9-16Y

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 5/4/2011

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON BUTTE FED 31-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0648 FNL 1992 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317250000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/28/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 03/22/2012. On 03/26/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/28/2012 the casing was pressured up to 1205 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
		Accepted by the Utah Division of Oil, Gas and Mining Date: April 09, 2012 By:
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 3/30/2012

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 3/28/12 Time 10:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>MON. BUTTE FEDERAL</u> <u>31-18-9-164</u>	Field: <u>MON. BUTTE FEDERAL</u>
Well Location: <u>MON. BUTTE FEDERAL</u> <u>31-18-9-164</u>	Duchesne County, UTAH
<u>NW/NE SEC. 18, T9S, R16E</u>	API No: <u>UTU-87538X</u>
	<u>43-013-31725</u>

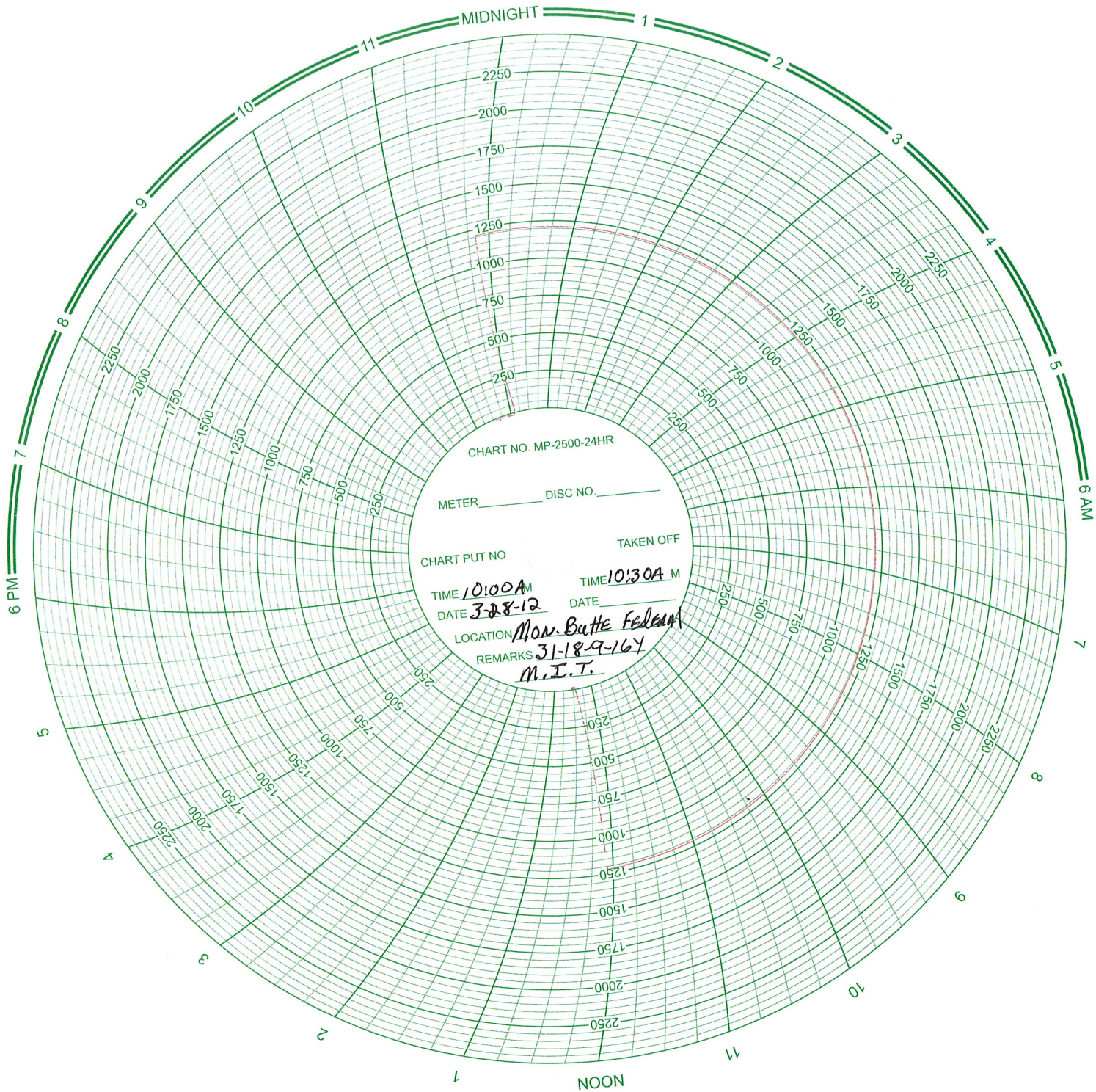
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1205</u>	psig
5	<u>1205</u>	psig
10	<u>1205</u>	psig
15	<u>1205</u>	psig
20	<u>1205</u>	psig
25	<u>1205</u>	psig
30 min	<u>1205</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: David Cloward



Daily Activity Report**Format For Sundry****MON BT 31-18Y-9-16****1/1/2012 To 5/30/2012****3/21/2012 Day: 1****Conversion**

WWS #7 on 3/21/2012 - MIRUS WWS #7. TOO H laying down rod string. X-over to tbg equipment. Release TAC. NU BOP. RU work floor. - Crew travel - MIRUS WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Unseat rod pump. Flush rods & tbg w/ 40 bw @ 250°. Soft seat pump. Pressure test tbg to 3000 psi. Good test. Retrieve rods. TOO H laying down rods. Get out of hole w/ 1 - 1 1/2" x 22' polished rod, 1 - 4' & 2 - 6' x 3/4" pony rods, 90 - 3/4" guided rods (4 per), 83 - 3/4" slick rods, 18 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD pump (flushed 4 times on TOO H w/ 80 bw). X-over to tbg equipment. ND wellhead. Release TAC. NU BOP. RU work floor. SDFN EWTR 180 BBLs - Crew travel - MIRUS WWS #7. Hot oiler had pumped 60 bw down csg @ 250°. RD pumping unit. Unseat rod pump. Flush rods & tbg w/ 40 bw @ 250°. Soft seat pump. Pressure test tbg to 3000 psi. Good test. Retrieve rods. TOO H laying down rods. Get out of hole w/ 1 - 1 1/2" x 22' polished rod, 1 - 4' & 2 - 6' x 3/4" pony rods, 90 - 3/4" guided rods (4 per), 83 - 3/4" slick rods, 18 - 3/4" guided rods (4 per), & 6 - 1 1/2" wt bars. LD pump (flushed 4 times on TOO H w/ 80 bw). X-over to tbg equipment. ND wellhead. Release TAC. NU BOP. RU work floor. SDFN EWTR 180 BBLs

Daily Cost: \$0**Cumulative Cost:** \$66,805

3/23/2012 Day: 2**Conversion**

WWS #7 on 3/23/2012 - Check csg pressure. Good test. RDMOSU WWS #7. - Crew travel & pre-job safety meeting. - Check pressure on csg. Good test. RDMOSU WWS #7. Ready for MIT!!!! - Crew travel & pre-job safety meeting. - Check pressure on csg. Good test. RDMOSU WWS #7. Ready for MIT!!!!

Daily Cost: \$0**Cumulative Cost:** (\$2,732)

3/29/2012 Day: 3**Conversion**

Rigless on 3/29/2012 - Conduct initial MIT - On 03/26/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/28/2012 the casing was pressured up to 1205 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 03/26/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/28/2012 the casing was pressured up to 1205 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$22,588

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON BUTTE FED 31-18-9-16Y
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0648 FNL 1992 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 18 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317250000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/20/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">The above reference well was put on injection at 9:30 AM on 04/20/2012</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 15, 2012</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/2/2012	

Spud Date: 02/13/97
Put on Production: 3/17/97
GL: 5884' KB: 5895'

Monument Federal 31-18-9-16

Initial Production: 50 BOPD,
58 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (249.75')
DEPTH LANDED: 260' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 185 sxs Class "G" Circulate 4 bbls. cement to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts (5664.68')
DEPTH LANDED: 5675' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Prem Lite Plus. Tail w/ 570 sxs 50/50 poz
Circulate 15 bbls. cement to surface.

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 128 jts (3985.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 3995.1'
CE @ 3999.47'
TOTAL STRING LENGTH: EOT @ 4004'

Injection Wellbore Diagram

Top of Cement @ Surface

Casing Shoe @ 260'

Packer @ 3999'
EOT @ 4004'

4056'-4064'
4080'-4086'
4088'-4096'
4098'-4108'
4757'-4759'
4761'-4767'
4824'-4833'
4873'-4894'

PBTD 5627'
TD 5700'

FRAC JOB

3/03/97	4757'-4894''	Frac as follows: 116,740# 16/30 sand in 839 bbl 2% KCL frac fluid. Average treating press. 2300 psi @ 41 bpm. ISIP 2250 psi.
3/06/97	4056'-4108'	Frac as follows: 110,110# 16/30 sand in 730 bbl 2% KCl frac fluid. Average treating press. 1950 psi @ 26.7 bpm. ISIP 2100 psi.
8/28/00		Pump change Update rod and tubing details
11/9/05		Pump change Update rod and tubing details
8/17/07		Pump change Update rod & tubing detail.
03/22/12		Convert to Injection Well
03/28/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

3/01/96	4873'-4894'	2 JSPF	22 holes
3/01/96	4824'-4833'	2 JSPF	18 holes
3/01/96	4761'-4767'	2 JSPF	12 holes
3/01/96	4757'-4759'	2 JSPF	06 holes
3/05/96	4098'-4108'	4 JSPF	40 holes
3/05/96	4088'-4096'	4 JSPF	32 holes
3/05/96	4080'-4086'	4 JSPF	24 holes
3/05/96	4056'-4064'	4 JSPF	32 holes

NEWFIELD

Monument Federal 31-18-9-16

648' FNL & 1992' FEL

NWNE Section 18-T9S-R16E

Duchesne Co, Utah

API #43-013-31725; Lease #UTU-74390



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-375

Operator: Newfield Production Company
Well: Monument Butte Federal 31-18-9-16Y
Location: Section 18, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31725
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 26, 2011.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,896' – 5,627')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____

John Rogers
Associate Director

04-12-12
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield

